



COB 5th Street Solar Energy Project

Public Hearing Presentation

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October 2, 2024



Introduction

Intro

- Proposed Lease Agreement for selected areas of the roof at the 5th St County Office Building
- Lease will support the installation of a Solar PV System through a Power Purchase Agreement(PPA)



Climate Action Plan Strategies

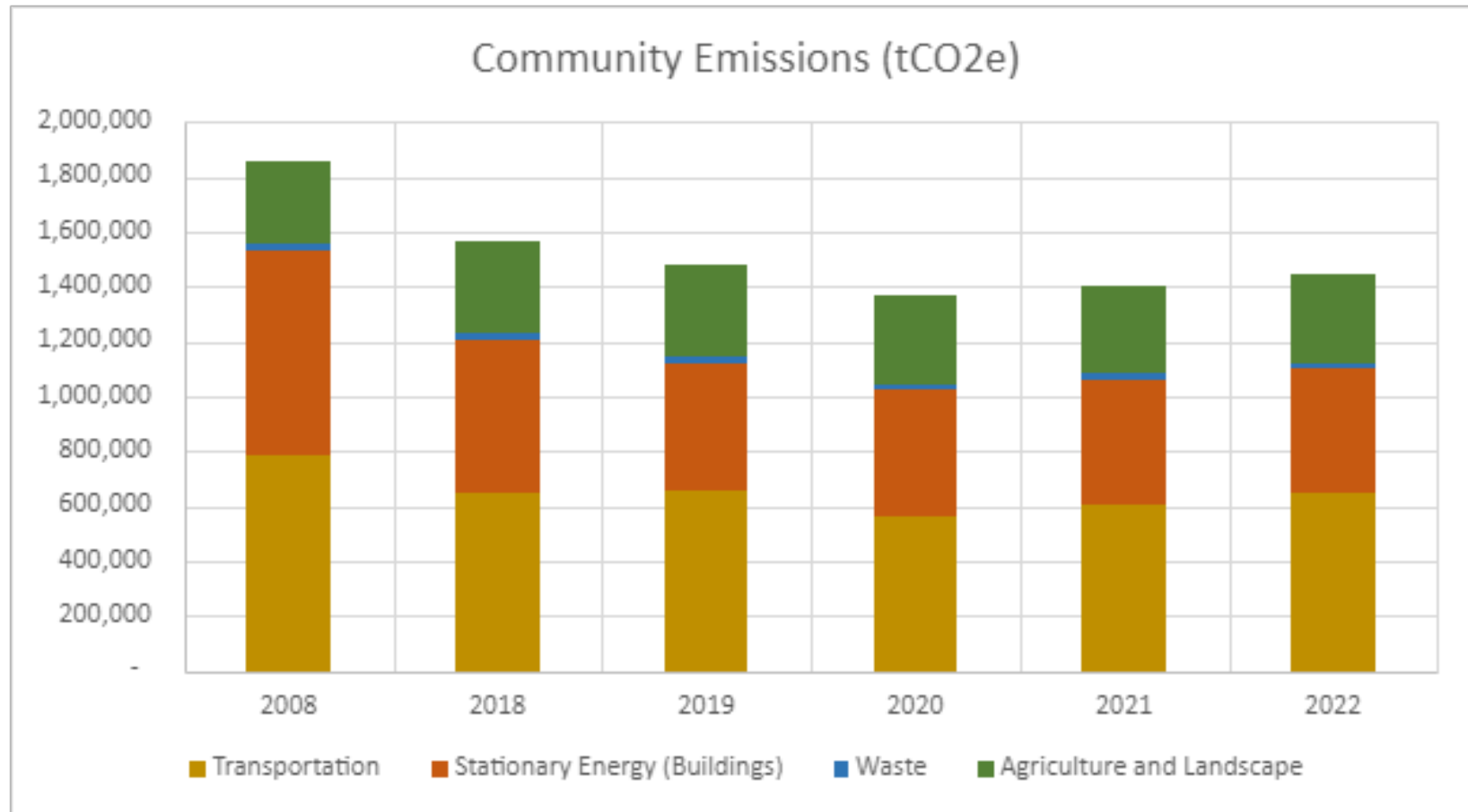
B.7: Make targeted investments in energy efficiency, renewable energy, and energy storage projects at existing local government buildings.

R.3: Invest in utility-scale renewable energy and energy storage to meet energy needs of local government operations.

B.4: Increase community awareness about energy conservation and renewable energy.



Net Zero Emissions by 2050





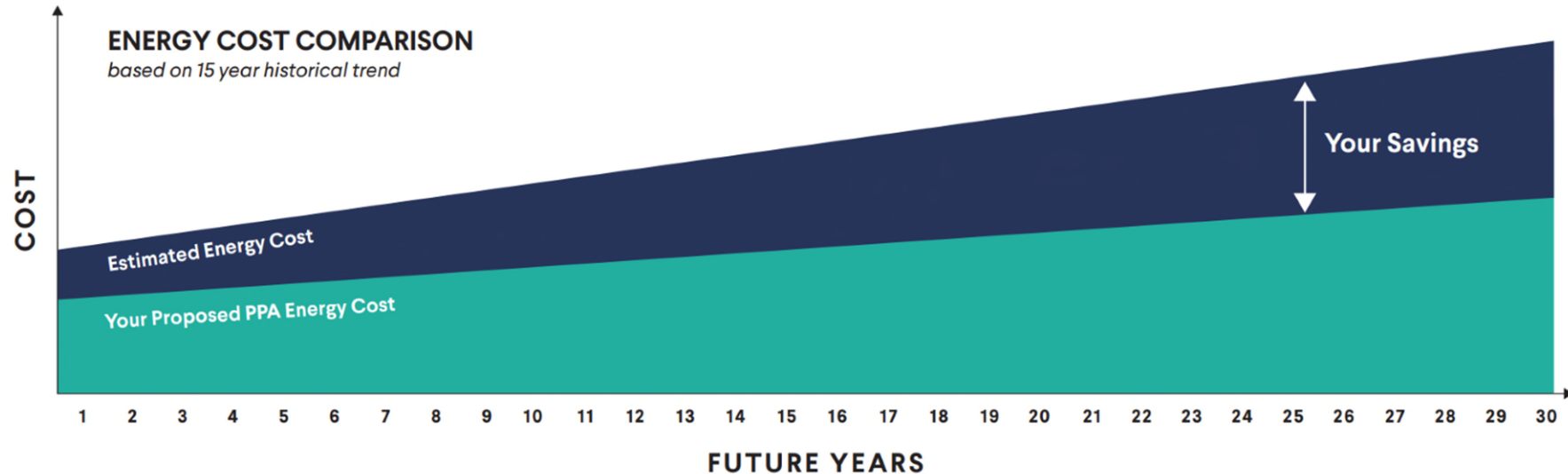
Power Purchase Agreement (PPA)

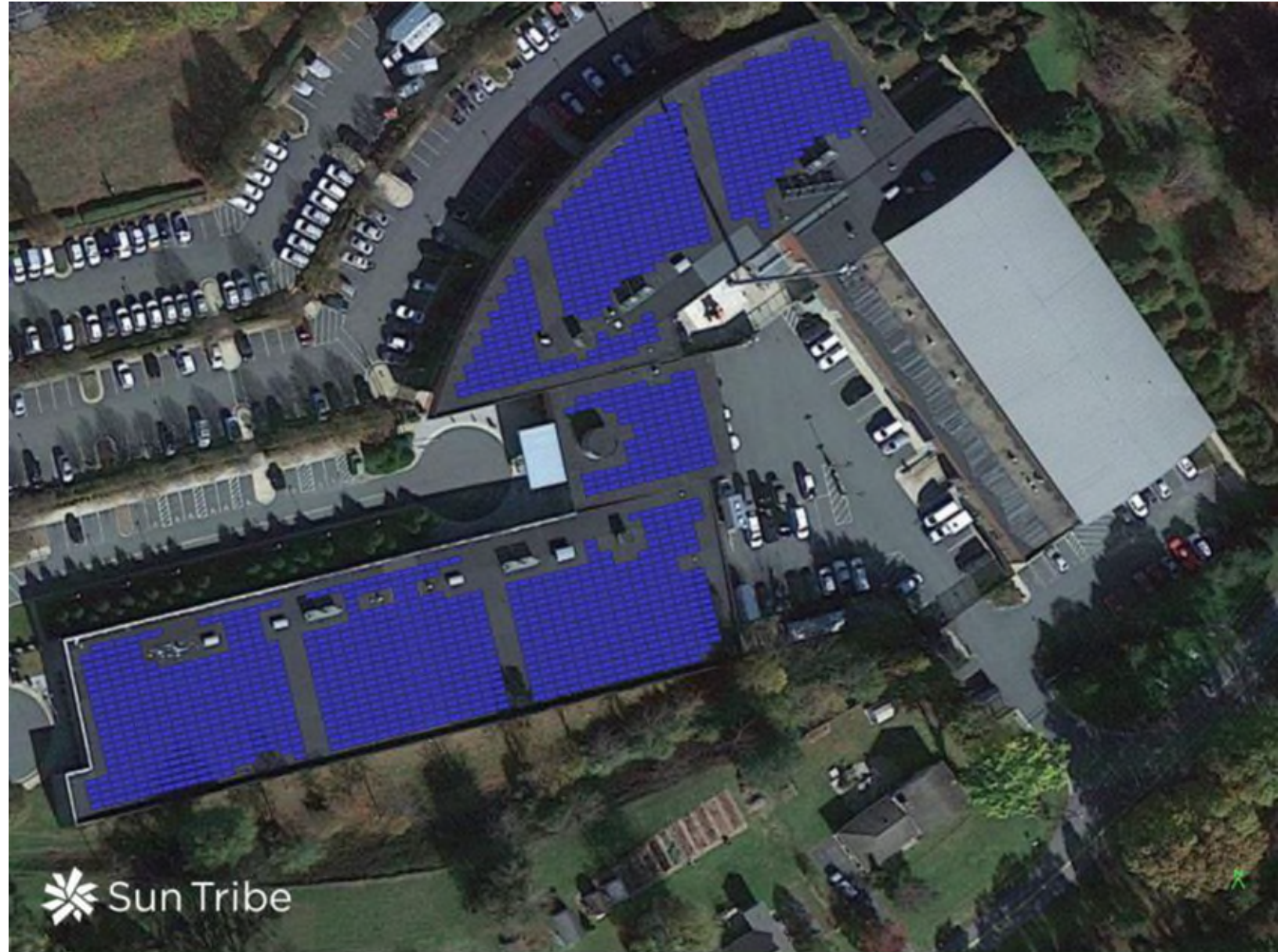
- Solar developer leases roof space to install system
- Developer owns and maintains system
- Building owner purchases solar power as it would from utility
- No initial investment
- Significant cost savings over time



Project Impact

- Meet ~half of COB 5th Street's energy needs
- Emissions reduction = 10,000 tons, or removing 2,159 cars for one year
- Save \$1,247,000 over 30 years







Lease Information

- Lease term of 30years for the PPA/Lease Agreement
- The county will maintain full control of the space.
- The solar PV provider will fully maintain the system and all components ensuring continued proper energy production through the length of the agreement.
- Option to Purchase the system at the end of the 7th and 15th year and at the end of the agreement term at fair market value or have the system removed by the provider at no cost to the county.



Recommendation

- Staff recommends that the Board adopt the resolution to Authorize the County Executive to sign a proposed lease agreement in support of the Power Purchase Agreement.

