

Exhibit to Agenda Item #5

Provide the Board with an external presentation from the **Sacramento Tree Foundation** regarding the state of the canopy in SMUD's service territory.

Board Finance & Audit Committee and Special SMUD Board of Directors Meeting
Tuesday, March 14, 2023, scheduled to begin at 6:00 p.m.

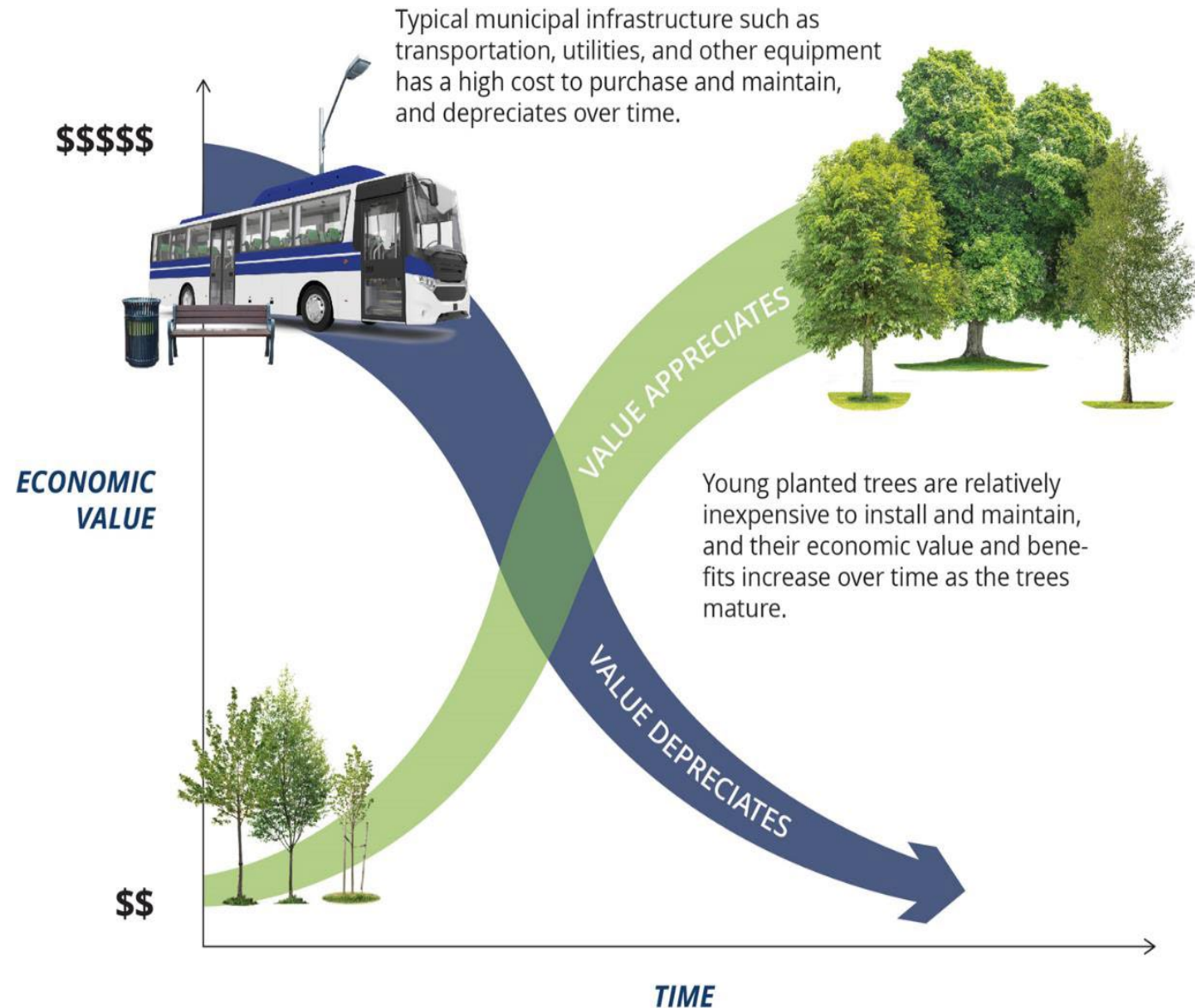
SMUD Headquarters Building, Auditorium



Seed to Slab – Holistic urban forestry

Jessica Sanders PhD, PMP
Executive Director
Sacramento Tree Foundation
Jessica@sactree.org

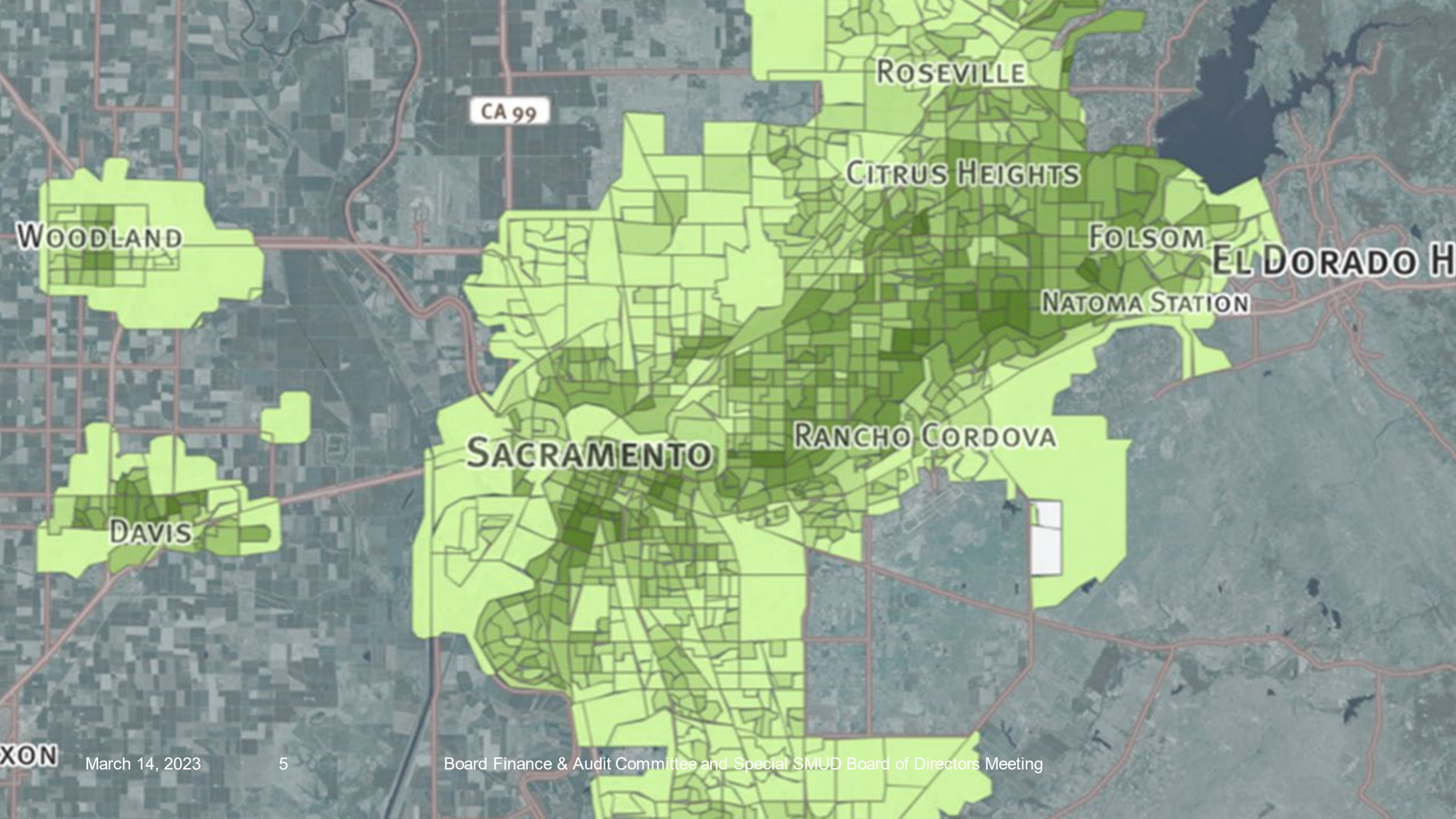
Value of Trees Compared to Other City Infrastructure



Trees are
critical
infrastructure
to create a
resilient future



The current state of our Sacramento region urban forest



Planting Opportunities Map

Sacramento Tree Foundation



Tree Canopy Cover (%)

0% - 100%

100%

0%

Reset



Average Afternoon Heat ...

96.5°F - 102.7°F



Median Household Income

\$0 - \$250,000



People of Color (%)

0% - 100%



Population 65+ (%)

0% - 94%

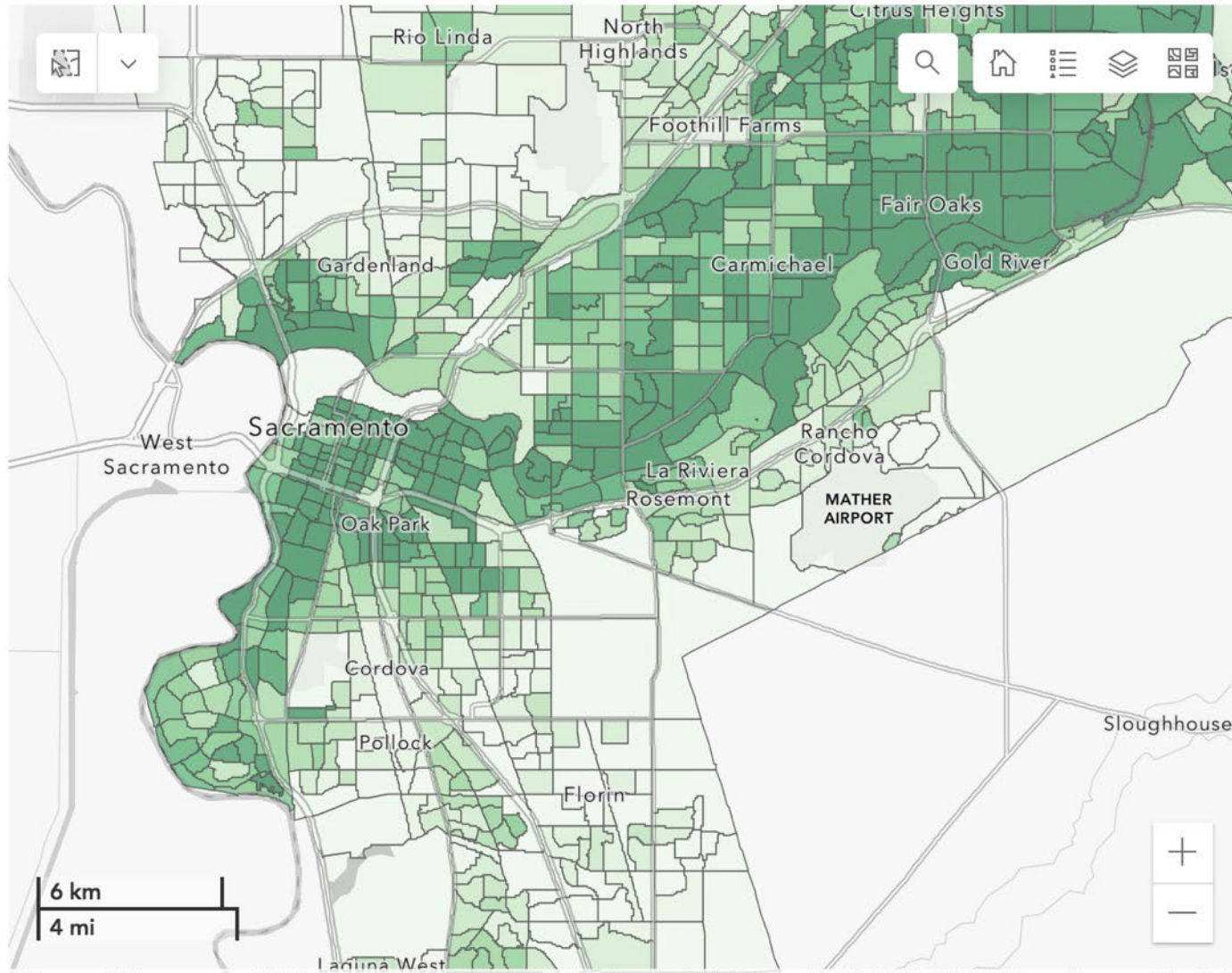


Education at 25 less than...

0% - 60%



Property Level Tree Cove...



County of Sacramento, California State Parks, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, B... Powered by Esri

Tree Canopy Cover (%)



Hot Summer Day
in 2019 (Average °F)



Median Household

\$74k

Avg People of Color

43%

Avg Education less than

12%

Avg Homes with People

28%

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Board Finance & Audit Committee and Special SMUD Board of Directors Meeting

Planting Opportunities Map

Sacramento Tree Foundation



Reset



Average Afternoon Heat ...

96.5°F - 102.7°F



Median Household Income

\$0 - \$250,000



People of Color (%)

0% - 100%



Population 65+ (%)

0% - 94%



Education at 25 less than...

0% - 60%



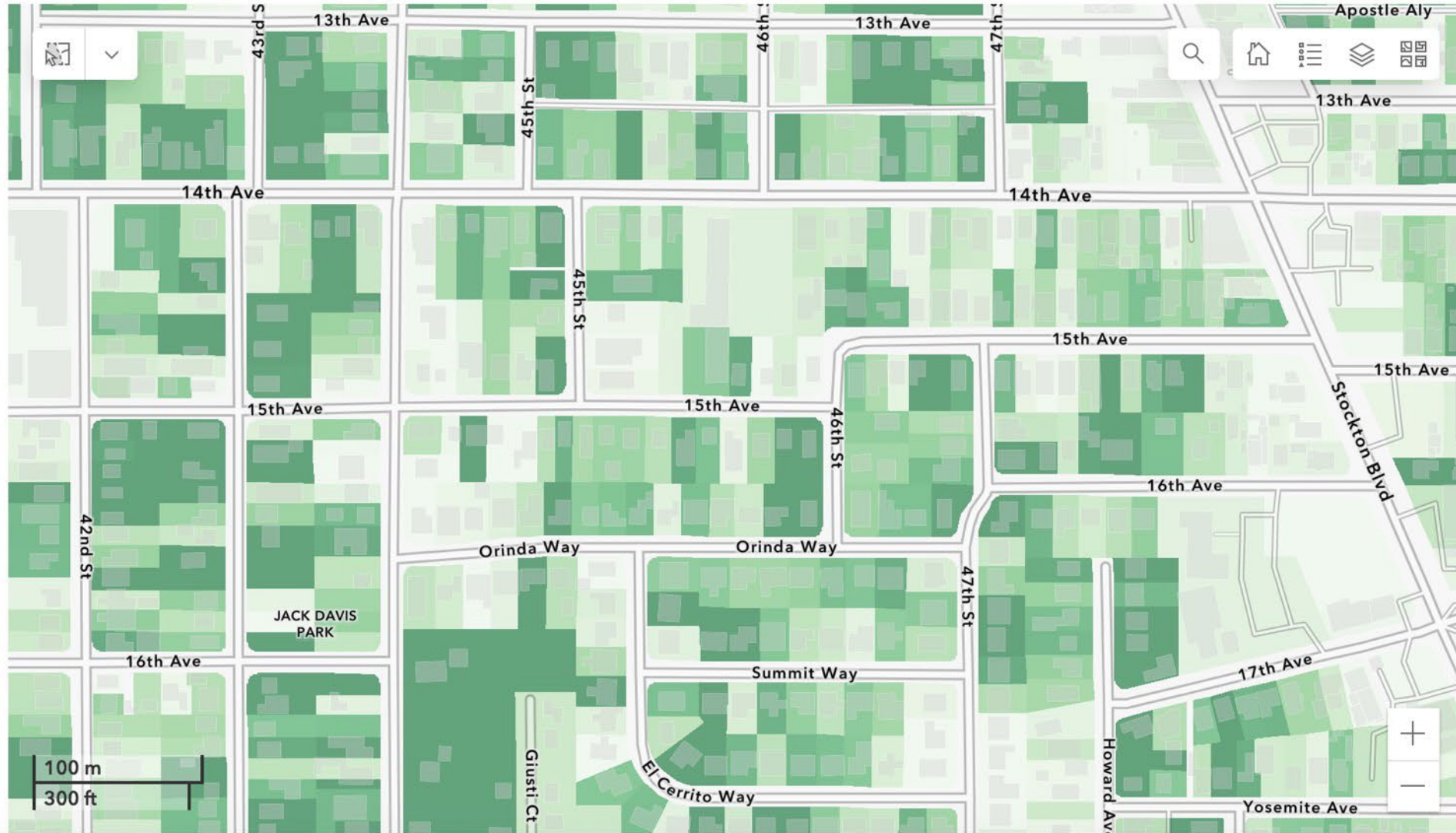
Property Level Tree Cove...

0 - 98.4



Property Level Heat (°F)

95.49 - 105.61



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Harvesting



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Sowing



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Planting



Planting



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Board Finance & Audit Committee

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Tending

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Reclaiming



CARBON SEQUESTERED IN THIS LOG:

4 MTCO2E

Hanami Line at Robert T. Matsui Park



Questions?

Jessica Sanders PhD, PMP

Executive Director -
Sacramento Tree
Foundation

Jessica@sactree.org