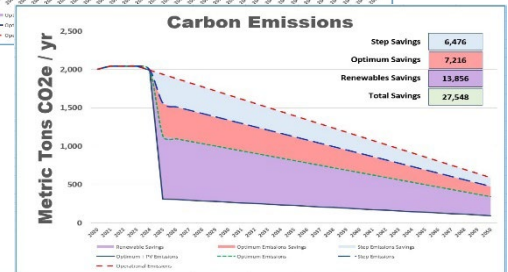
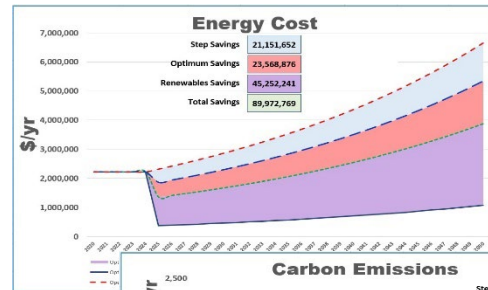


# AUROS Insights™ Platform (Building)



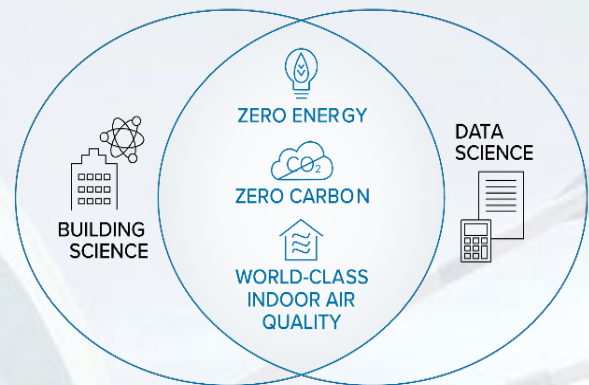
The AUROS Insights™ platform is the first data layer developmental toolkit featuring comprehensive functionality:

1. Decarbonization Plan tool
  - For new, existing, and portfolios of buildings
2. Operationalize building energy models (software agnostic)
3. Automated carbon accounting
  - EIA and eGRID emissions rates
  - Site EUI, Source EUI, Total Costs, & Water UI
4. Automated Building Performance Standards (BPS) libraries
5. Physics-based simulation calibration validation
6. Automated Sustainability Program Reporting and Carbon Market Connectors



## AUROS Insights™ Use Cases

- ❖ Aggregates time-series data from disparate Operational Technology sources enabling a best-in-class analytics product with hourly carbon accounting. Integration of data streams to compare predicted versus actual performance.
- ❖ Efficiency and decarbonization scenario planning using proven building science with statistically precise, calibrated building energy model metrics to determine a building's optimal performance path, while respecting system triggers & sequences, investment budgets, and whole-building performance goals. By including BPS libraries, AUROS Insights also reveals potential future fines.
- ❖ Long-term building resilience is actionable using the AUROS Insights™ Platform to operationalize the model:
  - Monitoring-based commissioning
  - Interrogation-based commissioning
  - Fault Detection & Diagnostics



## Building Science + Data Science

- ✓ The only way to determine the path to any new, existing, and/or portfolios of buildings decarbonization potential.
- ✓ The integration of physics-based simulation and meter/sensor time-series data.

AUROS Insights™ is the only data aggregation and independent data layer platform integrating statistically precise, high-fidelity building science and data science to derisk investment in building performance.

Prioritize and phase building optimization investment across campus portfolios based on returns on investment and life-cycle triggers.

**Actual = 361k tons CO<sub>2</sub>e/25-year**  
**Potential = 72k tons CO<sub>2</sub>e/25-year**



243 East Main Street  
Carnegie, PA 15106

beth.eckenrode@aurosgroup.com

[www.aurosgroup.com](http://www.aurosgroup.com)