

Machine Learning Controls Real Estate Energy Cost - Energy Efficiency & Benchmarking

Energy Efficiency | Energy Benchmarking

☒ Energy Asset Score

☐ Energy Consumption & Savings

☐ Energy Cost & Savings

☐ Customer Rate Plan

☐ Energy Efficiency Programs

☐ Asset Score & EUI

☐ EUI Ratio

☒ Energy Asset Score

☐ Energy Costs

☒ Summary

☐ Commercial Building

☐ Upgrade Opportunities

☐ Structure & Systems

☐ Building Assets



Building Information

5th and LaSalle Ramp
4000 B Street,
Chicago, IL - 60601

Building Type : Mixed Use
Gross Floor Area : 140,000 ft²
Year Built : 2005

Report # : FVHJ-53251
Score Date : 06/02/2015
Building ID : 976535

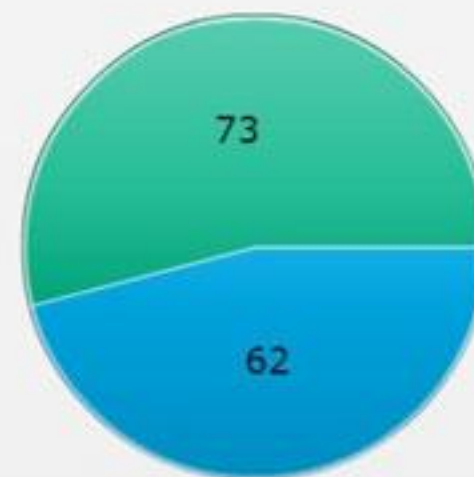
Asset Score Data Level

☒ Simple Score

☐ Advanced Score

☐ Advanced Score is Verified

Building Asset Score



☒ Current Building Score
☐ Score With Upgrades

Building Occupancy & Operating Conditions

Number of Assumed Occupants	597
Hours of Operation	46 Hours/Week
Cooling Set Point	73 Deg F
Heating Set Point	70 Deg F
Misc. Energy Loads	1.01 W/ft ²

Predicted Source Energy Use Under Model Assumptions

Commercial Building	240 kBtu/ft ²
Upgraded Building	200 kBtu/ft ²

Site Energy Use Intensity



Source & Site Energy Use Intensity

Load Type	Current Building (kBtu/ft)		With Upgrades (kBtu/ft)	
	Source	Site	Source	Site
Interior Lighting	86.5	25.9	56.7	17.0
Heating	17.1	16.3	16.2	15.5
Cooling	21.7	6.5	6.7	2.0
Hot Water	1.6	1.5	1.0	1.0