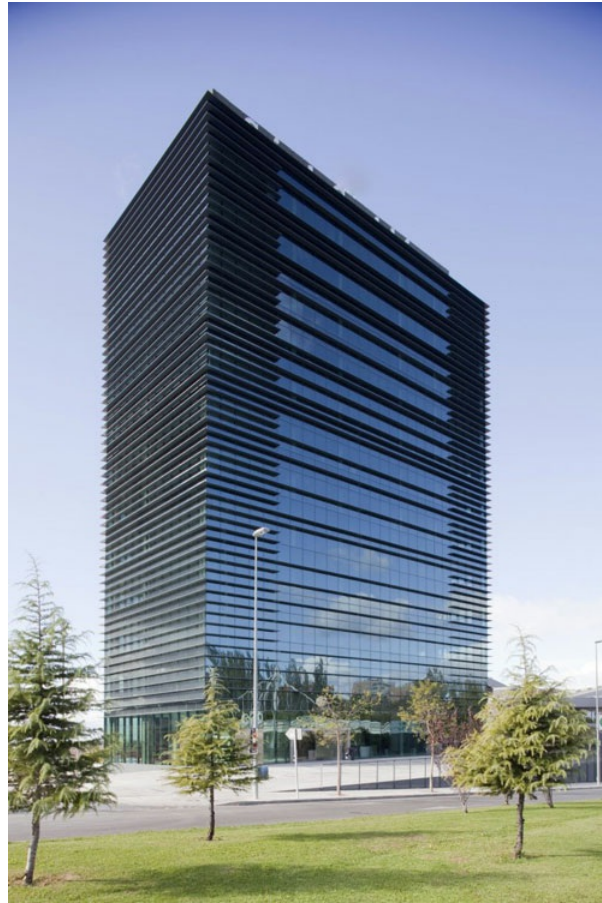


The Comfort Test



Capitol Towers Cary

April 2019

71 W Walnut Drive
Cary, NC 27511

P. INTGUARD
An Abundant Power Company



The Comfort Test



Building Area
🏢 150,000 ft²

Facility Type
🏢 Multi-Tenant

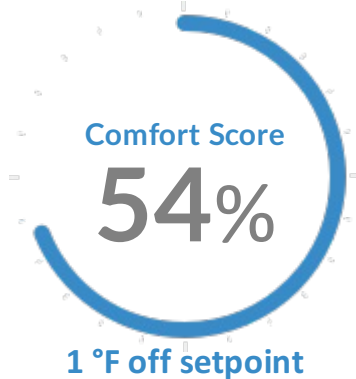
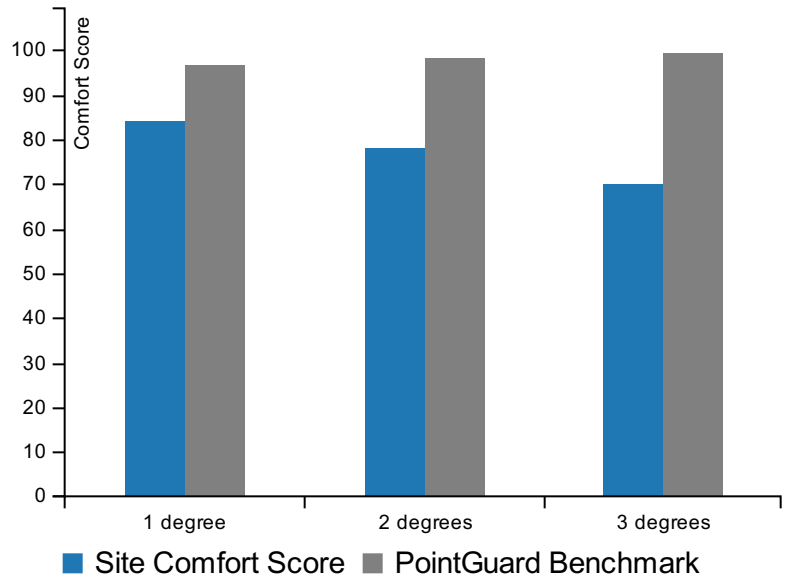
Occupancy
👤 100%

Test Dates
📅 Mar' 12 to Mar' 27

Season
☀️ Spring

Climate Zone
📍 South Atlantic

Comfort Benchmark Comparison



Zones Analyzed
🔧 48

Occupancy Hours Type
📅 Estimated

Zone Density
🏢 1 / 3125 ft²

Points Analyzed
📊 144

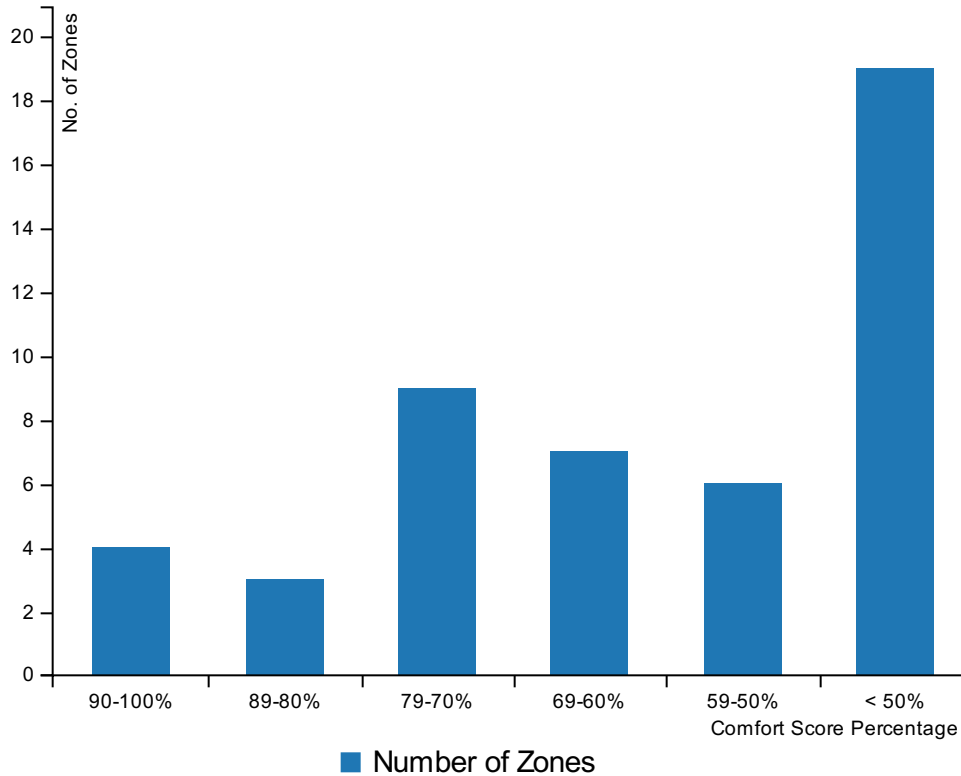
Set-point Type
📈 Real

System Type
⚙️ Multi-Zone VAV

Comfort Score: PointGuard quantifies Comfort Score for HVAC systems as it's ability to deliver set points as set by tenant or landlord. It is expressed as a percentage of occupied hours in which space temperatures in each zone are within 1 to 3 degrees of heating or cooling set points. Three comfort scores are generated using these three deltas. A score of 100% at 1 degree delta means that all zones are within 1 degree of set point 100% of occupied hours.



1° Comfort Score Range vs No. of Zones



Top 5 Most Uncomfortable Zones

Zone	Comfort Score	Average Zone Temp	Average Heating Set-point	Average Cooling Set-point	Average Outside Temperature
Zone 29	0%	788	69	72	46
Zone 13	12%	788	65	72.23	46
Zone 7	16%	55	60	80	46
Zone 23	21%	51	60	80	46
Zone 4	28%	70.05	72	75	46



1° Comfort Score Trends with Weather

