

Appendix B: Case Study #8: 345 Park Ave - New York City

16 energy and water projects



	Projects ¹	Projects	Energy Savings (kWh)	Water Savings (liters)
Building Automation Systems & HVAC Controls	New Terminal Regulation AC Controls	3	35,066	14
	Replacement of Tstats with setpoint reset (2)			
Heating, Ventilating, and Air Conditioning Upgrades	Addition of zoned cooling systems (2)	2	42,806	116
Lighting Improvements	High efficiency lighting fixtures (2)	4	339,589	-
	Occupancy sensor controls (2)			
Water and Sewer Conservation Systems	Installation of low flow urinals	1		447
Commissioning	RCx Decommissioning - Cooling Equipment	6	158,567	-
	RCx Optimization - Air Handling Unit			
	RCx Rescheduling - Cooling Equipment (2)			
	RCx Rescheduling - HVAC System			
	RCx Rescheduling - Overtime AC			
Totals		16	576,028	577
2007 Baseline²			3,756,451	
Percent of Baseline			15.33%	



Building Data

Multi Tenant
High Rise Commercial Office
219,813 ft² leased space.
345 Park Ave
NYC, NY

Projects in Progress

Does not include following projects not yet completed: (1) lighting improvement, and joint commissioning program with Landlord.

See footnote 1 on page 41.

¹ Project Data records and energy & water savings provided by CRES year ending 2012. Savings calculation validated by third party, Arup Engineering.

² Utility Data provided from Environmental Management System for year ending 2012. Data verified by third party, ERM Certification and Verification Services.

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