

Predictive Energy Optimization



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BuildingIQ Overview

Building**IQ optimizes energy use** in commercial buildings by **transforming** existing buildings into **smart buildings** with **minimal capex or upgrades**

- Software to intelligently assess and control HVAC energy for commercial building portfolios
- Backed by leading industry vendors; partnered with US and Australia's national labs
- 15M sq ft of buildings under contract with top REITs, government, utilities and enterprises:
 - A and B grade buildings
 - 40K- 2.5M sq ft
 - Office, retail, government, hospitality, etc
 - Integration with all major BMS
- 10-30% HVAC energy savings and up to 30% peak
 load reduction during DR events
- Subscription based service minimal capex

Investors:







Partners:











Recognition:



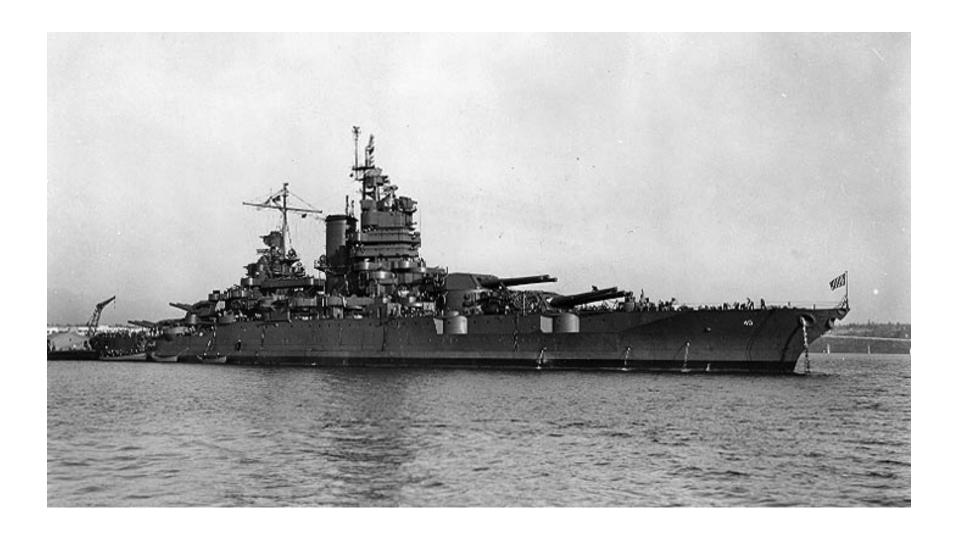








USS New Mexico







Industrial MPC







Building Constraints



Custom Comfort

CEO and Executives 71°-72°, Opt Out, no DR shed

Marketing and Finance 68°-74°, allow DR shed

Vacant 68°-76°, allow DR shed

Meeting Rooms 70°-75°, allow DR shed

Retail Space 68°-74°, allow DR shed



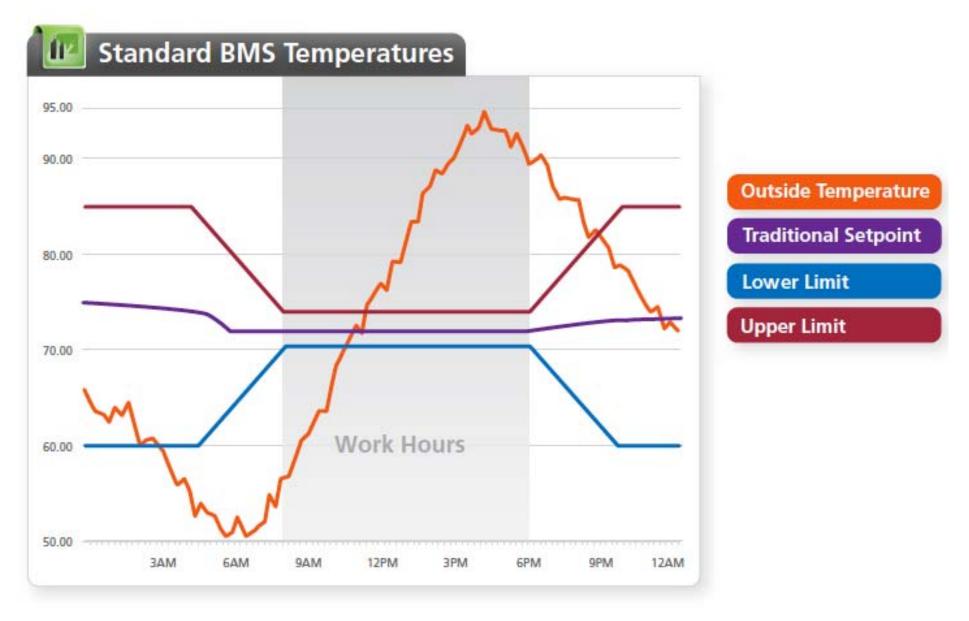


Industry Progress



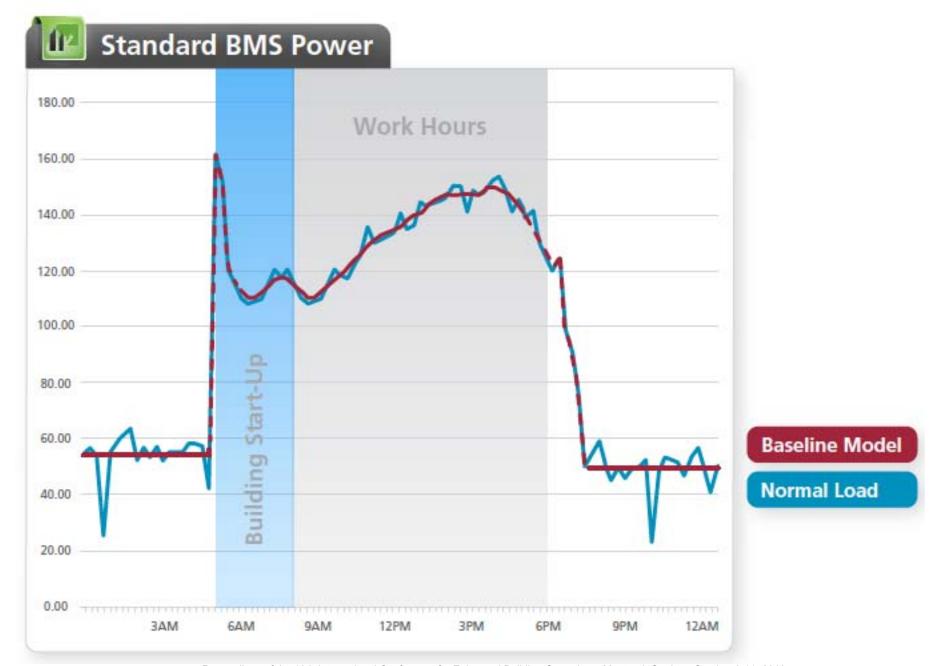






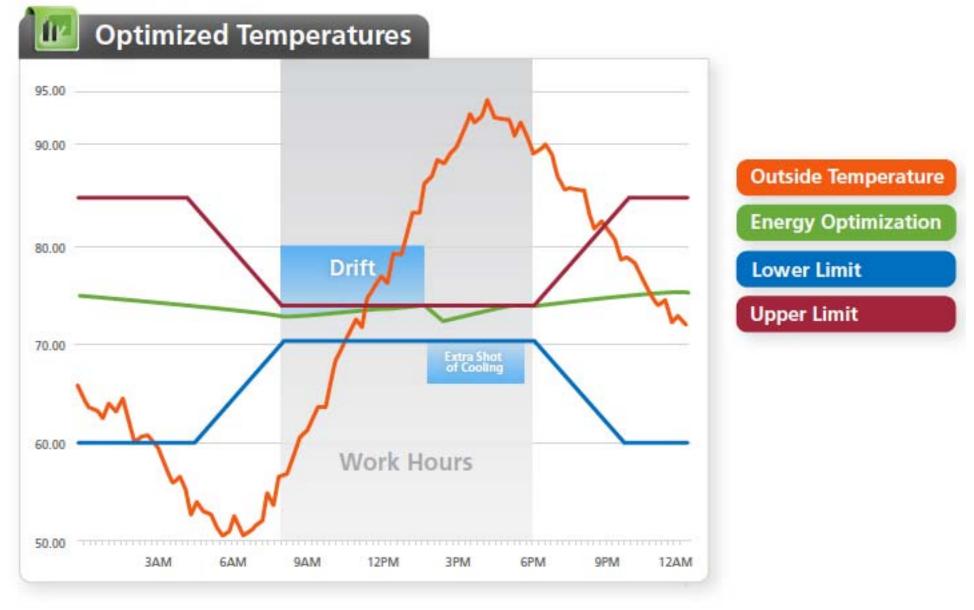






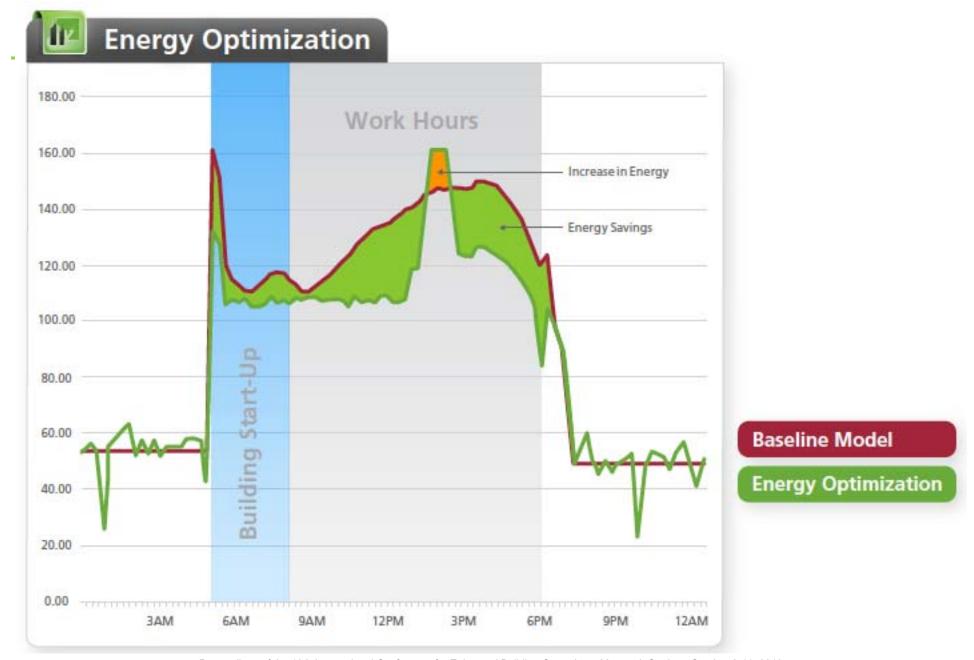
















Buildings, Snowflakes and Physics







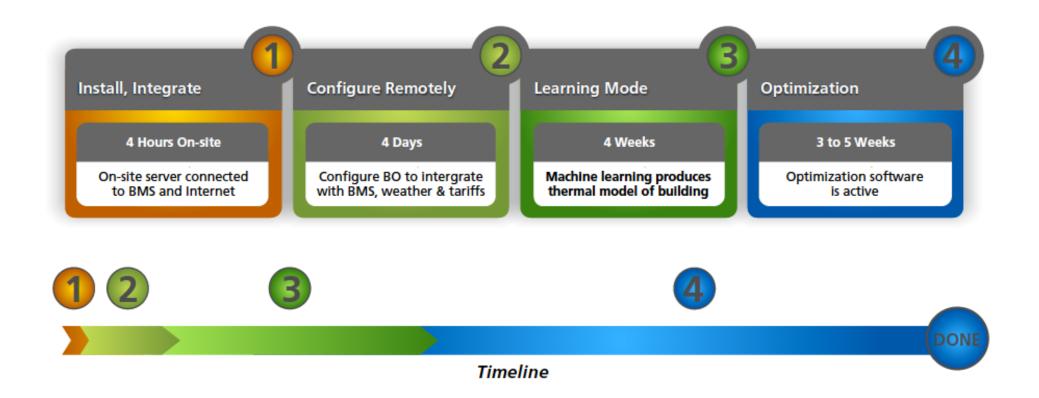
System Overview







Implementation Process



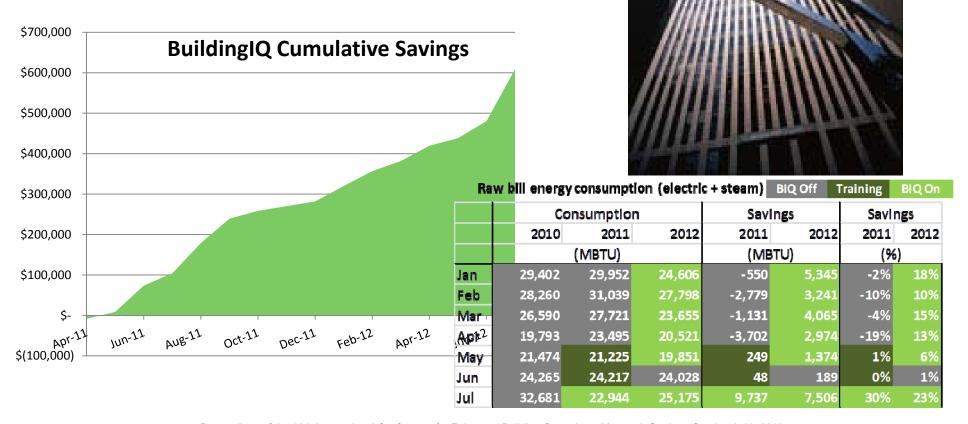




Case Study: NYC Office Tower

- Largest LEED-EB in NYC
- A-Grade 2.5m SF
- Schneider BMS
- 7 FT engineers

\$600k+ annualised savings 13% HVAC reduction 3x payback on typical BIQ Fees





Thank you!

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