

## **BOMA BC Building Tune-Up Program: Approach Options**

There are two options for the investigation and verification phases:

- Traditional approach
- Analytics-based approach

**The traditional approach** involves the RCx provider reviewing the BAS settings, any available trend data and programmed sequence of operations to identify deficiencies and recommend improvement strategies.

**The analytics-based approach** involves the deployment of a building analytics software package (CopperTree Kaizen) which will collect and archive BAS operating data, and continually assess it for operating issues or sub-optimal system operation. The RCx provider will primarily review the software findings and develop improvement strategies in conjunction with traditional approaches.

The benefit of pursuing the analytics-based approach includes - identifying more issues during the investigation through the use of fault detection & diagnostics (FDD) and through the availability of more BAS trend data, allowing for cost-effective energy monitoring through the use of virtual metering, providing a more rigorous means of performance tracking, verification, and features to ensure that the changes made and savings achieved persist over time.

Depending upon the existing BAS, not all buildings may be eligible for the analytics-based approach. Cost differential for the analytics-based approach vs. the traditional approach will be borne by the building owner/manager.