



Monitoring-Based Commissioning Q&A

Q: What is MBCx?

A: MBCx stands for Monitoring Based Commissioning and is a combination of monitoring, automatic fault detection and building performance dashboards in conjunction with retro-commissioning procedures to provide persistent and continuous energy savings.

Q: What are the benefits of a MBCx system when compared to a building with a modern BMS and “on the ball” operators?

A: An MBCx system does not replace existing building operators but provides another tool in the facility's arsenal to maintain and improve on building operations. It acts as a virtual energy manager, freeing up skilled personnel from monitoring to solving issues.

Q: Can I compare buildings? Manage whole portfolios?

A: Yes, a comprehensive MBCx system can help clients manage large amounts of data across a single building or a portfolio of buildings with customizable reports presenting data in terms related to your Key Performance Indicators.

Q: What systems can be monitored?

A: All systems can be monitored if they have the ability to integrate to other systems via protocols such as Modbus, BACnet, SQL, and others. The more systems brought into the platform, the better it will perform.

Q: Can I get credit for LEED® O&M Ongoing Cx (Energy and Atmosphere Credit 2.3) for installing this system?

A: Yes! An MBCx system can help your building achieve points in LEED® v4 under the following credits:

1. EA Credit: Existing Building Commissioning - Implementation (by assisting with the formal tracking and verification program)
2. EA Credit: On-going Commissioning
3. EA Credit: Optimize Energy Performance
4. EA Credit: Advanced Energy Metering (in conjunction with a sub-metering system)

Q: The MBCx industry is rapidly changing. Why should I install a system now versus waiting a few years for the technology to improve?

A: The typical MBCx system relies on cloud computing and uses software provided as a service, often called SaaS. This delivery method means that system enhancements and upgrades are automatically rolled out to each site. As the system improves, each client benefits.



INTERESTED IN MORE INFORMATION? CONTACT US TODAY.

Call: 303.444.4109 | E-mail: contact@noresco.com

The LEED® Certification trademark is owned by the U.S. Green Building Council and is used with permission. The U.S. Green Building Council's LEED® green building program is the preeminent program for the design, construction, maintenance and operations of high-performance green buildings. Learn more at www.usgbc.org/LEED.