



Empowered Solutions moves beyond traditional commissioning and LEED® certification by capturing incentives to lower construction costs and incorporating energy intelligence systems to optimize building performance and reduce operating expense.



## SAN FRANCISCO INTERNATIONAL AIRPORT

- Empowered acted as the Commissioning Authority for the first LEED® Gold certified airport
- Reduced energy consumption, increased service life, and ensured smooth implementation while coordinating with all parties on the \$300+ million project

## The Path to Integrated Commissioning

Empowered's ICx solution combines three essential elements for short and long-term savings:

### 1 New Construction Commissioning (NCCx)

- Ensure that the building is completed to the owner's requirements and expectations
- Serve as the energy agent through the design and construction process
- Move beyond just LEED® certification and local regulatory requirements to incorporate a holistic sustainability perspective

### 2 Utility Incentive Capture

- Incentive opportunity identification at the design stage
- Design enhancement to maximize incentive capture
- System review and engineering to maximize savings (and minimize costs)
- Actual application and management of process until rebates received

### 3 Monitoring-based Commissioning (MBCx)

- Ensure the selection and implementation of the right energy management system to meet the site owner's specific needs
- Empower system operators to make informed, effective decisions to reduce energy and operating costs
- Incorporate third-party monitoring and optimization solutions not only to maintain but also improve building performance over time





**ONE MARINA PARK DRIVE**

## RESULTS

- Meet owner's construction requirements but with an eye toward sustainability that extends beyond LEED® certification.
- Provide design insights to capture utility incentives and lower construction costs
- Incorporate energy management systems and ongoing monitoring solutions to reduce operating costs
- Serve as the energy agent throughout the design and construction process, leveraging proven technology and insight
- Empowered served as the Commissioning Agent for this LEED® Gold certified new office building in Boston's Innovation District
- Empowered's deep expertise in energy efficiency led to significant improvements in the efficiency of the HVAC systems, reducing ongoing operating costs
- Operational savings were augmented by the design and implementation of an energy management system optimized for the new facility



**DE ANZA COLLEGE MEDIATED  
LEARNING CENTER**

## RESULTS

- Commissioning Authority for \$50+ million LEED® Platinum certified facility
- Leveraged cutting edge sustainable building technology to ensure lowest operating cost and greatest health and comfort for users
- Empowered's ICx methodology ensured that systems were functioning optimally from the start and would continue over time

## THE EASY CHOICE FOR COMMISSIONING

"Based on Empowered's strong background in building commissioning and their industry reputation, they clearly raised the bar for other firms to meet. It made selecting them to be our Commissioning Authority for this new Mediated Learning Center an easy choice."

- Tom Armstrong, Bond Program Manager

## About Empowered

Empowered Solutions is a leading consultative energy solutions company founded and comprised of expert energy engineers, commissioning agents, controls system designers, and project managers. We help our customers capture their performance advantage through a unique blend of controls innovation, commissioning, and energy engineering expertise.