

Implementation and Demonstration of Continuous Commissioning ♦ Leading Energy Retrofit Process

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The Continuous Commissioning ♦ process has proven to be one of the most cost effective processes to improve existing building energy performance and comfort. The CC ♦ process has resulted in an average energy reduction of over 20% in 130 buildings with simple paybacks typically less than two years. The majority of CC ♦ savings are due to implementation of innovative engineering measures and optimal control of HVAC systems. Most of these measures, if not all, can be implemented during the design phase of new building construction and retrofit projects if these measures are specified clearly and properly which will result in significant upfront energy savings and comfort improvement. The process of implementing innovative engineering measure and optimal control during retrofit designs is called CC ♦ leading energy retrofit process.