



**Catholic Health Services**  
*Long Island, NY*  
**Retro-Commissioning of Mercy Medical Center & St. Francis Hospital**

**ABOUT THE CLIENT**

Catholic Health Services of Long Island (CHS) is an integrated health care delivery system with some of the region's finest health and human services agencies. CHS includes six hospitals, three skilled nursing facilities, a regional home nursing service, hospice and a multiservice, community-based agency for persons with special needs. Under the sponsorship of the Diocese of Rockville Centre, CHS serves hundreds of thousands of Long Islanders each year, providing care that extends from the beginning of life to helping people live their final years in comfort, grace and dignity. Learn more about CHS's commitment to quality and about the services offered.

(856) 427-0200  
 CONCORD-ENGINEERING.COM



**YEAR COMPLETED:**  
 2018

**500,000 SQ. FT.**  
*Mercy Medical Center*

**580,000 SQ. FT.**  
*St. Francis Hospital*

**RETRO-COMMISSIONING**

Concord Engineering was hired as one of three providers to perform a system wide Retro-Commissioning Project spanning 6 months of in-depth review and testing of the buildings' mechanical and electrical systems. In addition to Retro-Commissioning, TAB readings were performed including both hydronic and airflow readings.

Catholic Health Services initiated the Retro-Commissioning Project on the front half of a large scale energy project through an Energy Savings Company (ESCO). The Retro-Commissioning program aimed to address comfort complaints, operation improvements, indoor environmental quality and overall energy reduction. The Retro-Commissioning Program was designed to adapt a systematic process for optimizing the energy efficiency of existing building utility systems through the identification and correction of deficiencies in such systems.

The original intent of the project was to achieve a system wide energy reduction of over 3% of the historical consumption offering a significant payback to the Hospital System for the Retro-Commissioning efforts. In addition to performing the Retro-Commissioning efforts, the Retro-Commissioning Agents were tasked with the management and execution of the identified quick fixes. Each project was allocated a budget for the quick fixes which were prioritized based on energy consumption, safety, equipment longevity and operational improvements.

