As ever increasing demands on today’s health care facilities become more difficult to achieve, aging electrical infrastructures can often become a deterrent. Managing deferred maintenance with budgetary and time constraints in mind, Eaton can help you meet and even exceed your goals while working with your existing systems—regardless of age and manufacturer.

Modernization

Facility condition assessment

If you’ve audited for efficiency, tested for reliability, and put safety measures in place, a logical next step is to integrate new business processes and electrical equipment to support growing loads. A simple way to start modernizing is with a facility condition assessment (FCA).

An Eaton FCA can provide facilities with the following:

- A top-to-bottom assessment of your facility
- Detailed accounts of electrical equipment
- Ratings of each item against our life-cycle scale
- Introduction of metering and monitoring solutions for reduced utility charges

Powering the modern health care facility

Reliable, efficient and safe operations for health care
In addition to the above, Eaton offers the following solutions:

- Circuit breaker reconditioning service for all obsolete and current manufactured breakers up to 38 kV
- Electrical assemblies that reduce electrical room space by as much as 40 percent with less labor and overall risk
- Power factor capacitors that reduce current flowing in conductors, saving money by reducing utility charges

Eaton recommendations

Circuit breaker trip unit replacement

“Nuisance” tripping, the result of older circuit breakers falsely tripping due to noise from adjacent devices, is an unacceptable outcome in today's medical facilities. Advanced electronics now used for patient care may produce this added electrical distortion and noise, resulting in an interruption of electricity. Stop nuisance tripping in your facility with a circuit breaker trip unit replacement from Eaton and ensure a steady supply of power.

Motor control center (MCC) repair or replacement

Owning the initial industrial design rights of the MCC and patenting dozens of refinements over the product's 80-year history, Eaton engineers can easily repair and/or replace any outdated MCCs in your facility.

Renovation solutions cover:

- Previous Eaton designs including acquired companies (i.e., Westinghouse and Cooper)
- Almost all other legacy and present-day MCC manufacturers

Metering and monitoring retrofits

Most older metering systems were built around proprietary standards that only the original manufacturer's devices were to be used with the existing system. This locked in high prices and provided low functionality. Eaton’s modern metering solutions use open architecture communications standards and may be easily integrated with existing metering systems.

Power quality of facilities can be monitored from a single console, either on-site or remotely. This gives building owners the ability to measure, sense and trend how the building is operating and performing.

CASE STUDY

Kit Carson County Memorial Hospital—Burlington, CO

- Size: 40,000 sq ft
- Solution: upgrade of HVAC systems, ductwork and lighting systems
- Total cost: $600,000
- Total annual savings: $220,536

Enhance the energy efficiency of your health care facility. Contact Eaton today for an initial assessment.

1-800-525-2000 or www.eaton.com/healthcare