

Carolinas Healthcare System



Carolinas Healthcare M2G Review

CHC Locations and Settings

Carolina Healthcare locations at the Mt. Holly Rehabilitation Facility, Huntersville Oaks Nursing Facility, 1065 Gateway Facility in Concord, and 1423 Franklin Street in Monroe, North Carolina were each fitted with M2Gs. Day-on/Day off testing, as well as year-over-year analysis was completed (where applicable).

The Mt. Holly facility is one of the newest locations for Carolinas Rehabilitation. A 40-bed inpatient facility, Carolinas Rehabilitation-Mount Holly treats stroke, orthopedics and other general rehabilitation patients.

Huntersville Oaks provides short-term nursing and therapy for individuals recovering from surgery, illness or an accident. **1065 Concord** is a medical offices building supporting the CMC Northeast facility. **1423 Franklin** houses the Wound Care Center at CMC Union, offering leading edge wound care treatment. CHC offers the most up to date treatments including exceptionally high healing rates of up to 92%.

The Results

M2G reduces energy consumption by 12.2%

Two M2G boiler optimization control units were installed at Mt. Holly on May 14, 2012.

A year over year energy analysis was performed for the facility and resulted in a 16.1% energy savings using Mt. Holly's actual billing data. Two M2Gs were installed at Huntersville Oaks on September 21, 2012 and resulted in a 12.7% energy savings.

1065 Gateway was installed on January 24, 2014 and resulted in an energy savings of 12.3% and the 1423 Franklin Street Facility was also installed on January 24, 2012 and resulted in a 7.5% savings. An energy savings baseline was established using the energy savings for all four locations and resulted in a average energy savings at CHC for the M2G of a 12.2%.



Mt. Holly Rehabilitation



Huntersville Oaks



Building	Boiler Make	Boiler Output	Energy Savings
Mt. Holly Rehabilitation	(2) Parkers	1,700,000 Btu/hr	16.1%
Huntersville Oaks	(2) Lochinvars	1,800,000 Btu/hr	12.7%
1065 Gateway Concord	(1) Weil McClain	639,000 Btu/hr	12.3%
1423 Franklin St., Monroe	(1) Burnham	1,056,000 Btu/hr	7.5%
Carolinas Healthcare System		Average	12.2%



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