HEATING LOAD PROFILE
RESULTS
CASE STUDY
Cleveland, Ohio
NEW 687,000 SF HOSPITAL
3,000 Tons
14,000 MBH
Sensible HR at AHU
Predictive Optimization & FHRE
FHRE SAVINGS
1,900 MT CO2 reduction
66 EUI reduction
19,500 MBH
2,400 Tons
3,000 Tons
Energy Recovery
Exhaust and Relief Air Energy Recovery
Predictive Optimization & FHRE
FHRE SAVINGS
1,900 MT CO2 reduction
66 EUI reduction

CASE STUDY
Pittsburgh, Pennsylvania
973,000 SF HOSPITAL EXPANSION
1610 Tons
21900 MBH
Exhaust and Relief Air Energy Recovery
Predictive Optimization & FHRE
FHRE SAVINGS
59800 mmbtu
34 EUI reduction
2040 MT CO2 reduction
57% gas savings
57% gas savings
2040 MT CO2 reduction
64% gas savings

CASE STUDY
Minneapolis, Minnesota
EXISTING 1,400,000 SF OFFICE
17,800 MBH
2,780 Tons
Sensible HR at AHU
Predictive Optimization & FHRE
FHRE SAVINGS
59800 mmbtu
34 EUI reduction
2040 MT CO2 reduction
57% gas savings

CASE STUDY
Baltimore, Maryland
NEW 236,000 SF OFFICE
80,200
Energy Recovery Wheels
75% gas savings
350 MT CO2 reduction
13,050 mmbtu
18,050 mmbtu
55 EUI reduction
350 MT CO2 reduction
75% gas savings

CASE STUDY
Charlottesville, Virginia
825,000 SF UNIVERSITY CAMPUS
3,000 Tons
14,000 MBH
Sensible HR at AHU
Predictive Optimization & FHRE
FHRE SAVINGS
59800 mmbtu
34 EUI reduction
2040 MT CO2 reduction
57% gas savings

CASE STUDY
Minneapolis, Minnesota
EXISTING 1,400,000 SF OFFICE
17,800 MBH
2,780 Tons
Sensible HR at AHU
Predictive Optimization & FHRE
FHRE SAVINGS
59800 mmbtu
34 EUI reduction
2040 MT CO2 reduction
57% gas savings