

Location: **Northeast**

The major national bank currently has the eMAC and uMAC systems deployed at most Northeast branches and the eMAC system is specified for all new construction. System deployment at the bank includes the eMAC unit on all HVAC systems and an uMAC lighting controller for all lighting circuits. Additional remote temperature sensors are deployed in the ATM room and tellers area, al-

lowing the system to automatically notify the bank security personnel of a loss of site power and/or high or low temperature conditions. Lime has stationed a seasoned HVAC technical specialist within the bank call center. This close proximity to the operating personnel ensures timely handling of HVAC and lighting related maintenance events.

Benefits:

- Energy savings and incentives
- Control and validation of space condition temperatures
- Setback of all heating/cooling for unoccupied times
- Setback of lighting for unoccupied times
- Validation of service expenditures is recorded
- Reports for all resolutions to service dispatches, maintenance expenditures and energy consumption
- Integrated eMAC diagnosis, call center operation and HVAC mechanical dispatch within the same facility
- Automated high temperature alarms in 24 hr facilities
- Integration of energy performance metrics into new construction process

Highlights:

Number of Sites Installed to Date: 121 branches

Square Footage of Sites: 4 - 8,000 sq ft each

Number of eMAC's Installed: 363

ROI: 61%

Payback Period: 1.62 Years

Projected Annual Energy Savings (kwh):

4,324,364

Projected Annual Dollar Savings: \$735,000

Incentive Amount: \$620,000

HVAC Service Call Reduction: 30%

