Consider using Latching Solenoid Valves or Solenoid Operated Valves in your application. While these pneumatic components are very different in function, they both provide an opportunity for energy savings.

**Latching Solenoid Valves** are the ideal solution for applications in which access to power is limited. Continuous power is not required to maintain the valve’s energized position, saving electricity. A momentary electrical pulse (10 milliseconds) opens the valve, allowing an internal magnet to hold this position (latched) when the power supply is removed. Applying a 12 millisecond pulse unlatches and closes the valve, permitting system pressure to exhaust.

**Solenoid Operated Valves** are generally used in control systems to pilot larger directional valves. Since large size pneumatic valves require more energy to shift an internal spool, larger high-wattage coils are needed. By installing a Solenoid Operated Valve in the system, you can draw on a smaller, energy-saving solenoid and utilize the pilot pressure to shift the larger valve.

Contact Pneumadyne for more information about our latching solenoid valves and solenoid operated valves.