



Prime Environments

Market Segment: Non-Profit

Type of Business: Assembles wiring harnesses and packages service parts.

Project: Facility requested help in addressing a number of compressed air issues including eliminating pressure drop, providing additional capacity for future expansions, reducing operating costs and improving uptime and efficiency.

Solution:

Two Atlas Copco variable speed drive, oil injected rotary screw air compressors were selected along with a new filtration system, oil separator, compressed air tank and a closed loop supply line.



Annual Power Consumption



Total Energy Savings



Utility Rebate \$2,400

*Based on listed data.

Results:

Replacement compressed air system resulted in a 75% reduction in energy consumption going from 72,956 kWh to 18,456 kWh for an average annual savings of \$6,244. Total 20 year savings are estimated to be \$124,875 yielding a 186% Return on Investment (ROI) and a 7 year pay back with the financing charges included. The project also qualified for \$2,400 utility incentive refund.