

Benefit Now!

**Annual Energy Savings:
\$4,353.00**

**57% Return
0.6 Year
Payback**

**Energy Reduced:
43,530
kWh/Year**

**Government Incentives captured:
\$4,620.00**

**Net Cost:
\$2,480.00**

CASE STUDY: TSCC 1683

1600 PEEL STREET, CONCORD

VARIABLE FREQUENCY DRIVE

Challenge: Makeup Air unit identified as inefficient due to motor, high electricity and maintenance expense

Cure: PL Consulting secured government funding for the implementation of a VFD on a 20 HP Makeup Air unit.

BENEFITS

- Reduction in run-time of motor
- Reduction of energy expense with variable operation of motor
- Reduced stress on mechanical components with controlled acceleration/deceleration

VFDs provide match motor output to the capacity required by varying the speed and torque of a motor. This can provide energy savings of up to 55% compared to running at a constant speed.



TAKE ADVANTAGE OF GOVERNMENT INCENTIVES

Incentives are available for equipment such as lighting, mechanical upgrades and for installing new control systems to improve the overall efficiency of your building.

