

# Financial Analysis for Air Compressor(s)

Company:

Address :

Material and Labor Charges:

## Project Cost

add; CT Sales Tax (6%):

Tax Exempt +

## Total Projected Cost

sub; Anticipated Utility Rebate (33%; before tax):

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## Net Projected Cost

Calculated Demand Reduction (per month):

KW

Calculated kWh Reduction (per year):

KWh

Annual Electricity Savings:

/ year

Simple Payback (years):

years

Return-On-Investment (%):

%

\$ Lost per month while waiting:

/ month

Note:  $Anticipated\ Utility\ Rebate = (Project\ Cost) \times (0.33).$

$Annual\ Electricity\ Savings = (Annual\ KWh\ Reduction \times Utility\ KWh\ rate\ charge) + (KW\ demand\ reductions\ per\ month \times Utility\ Demand\ charge \times 12\ months\ per\ year).$

$Simple\ Payback\ (years) = (Project\ Cost - Utility\ Rebate) / Annual\ Electricity\ Savings.$

$Return-On-Investment\ (\%) = [ Annual\ Electricity\ Savings / Net\ Projected\ Cost ] \times 100.$

$\$ Lost\ per\ month\ while\ waiting = (Annual\ Electricity\ Savings) / (12\ months\ per\ year).$