

# ANGUIL

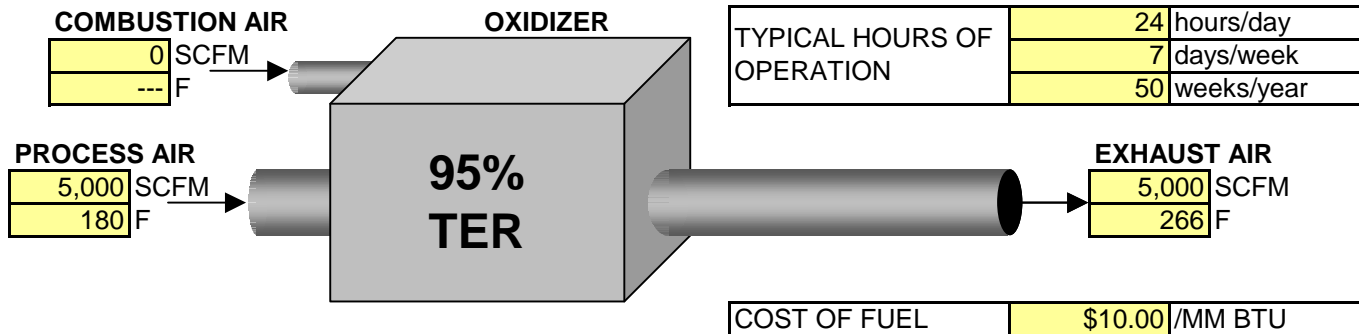
## ENERGY RECOVERY OPPORTUNITY ANALYSIS

### JOB PICTURES

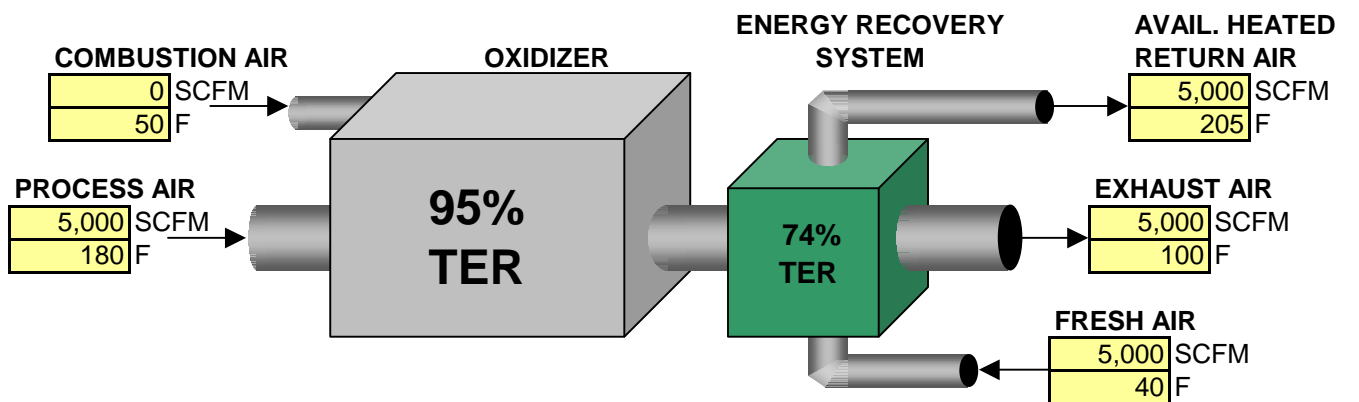
#### SYSTEM INFORMATION

Company Operating System:	Food Processing Application
System Type:	7,500 SCFM Regenerative Thermal Oxidizer
System Notes:	Two Chamber RTO with SFI
Energy Recovery System Evaluated:	Add plate heat exchanger to exhaust stack to recover waste heat for use as plant comfort heat.

#### REPORTED VALUES



#### PROJECTED VALUES WITH ENERGY RECOVERY SYSTEM



TOTAL ENERGY RECOVERED	0.89 MM BTU/HR
ADJUSTMENT FACTOR FOR PORTION OF AVAILABLE RETURN HEAT USED	60% See Note #1

ESTIMATED HOURLY SAVINGS OPPORTUNITY	\$8.91 /HOUR
ESTIMATED YEARLY SAVINGS OPPORTUNITY	\$44,906.40 /YEAR

#### NOTES/RECOMMENDATIONS:

1. An adjustment factor of 60% is used because of the assumption that recovered heat will be used for comfort heat.

