# SAVE MONEY, SAVE THE PLANET.





#### THE OLD WAY

## **UTILITY-SOURCED**

Electricity	
Kilowatt Hours (KwH)	1,000,000
KwH Offset	-
Total KwH Used	1,000,000
Metric Tons CO2 Emissions	433
Natural Gas	
Dekatherm (1000 Cubic Feet)	5,000
Dekatherm (DTH) for Electricity Generation	-
DTH Recapture @ 75% Efficiency	-
Total DTH Natural Gas Used	5000
Metric Tons CO2 Emissions	265
Total Metric Tons of CO2 Emissions	698

#### THE NEW WAY

## **MICRO TURBINE + CHP**

Electricity	
Kilowatt Hours (KwH)	1,000,000
KwH Offset	1,000,000
Total KwH Used	-
Metric Tons CO2 Emissions	0
Natural Gas	
Dekatherm (1000 Cubic Feet)	5,000
Dekatherm (DTH) for Electricity Generation	3,413
DTH Recapture @ 75% Efficiency	(2,560)
Total DTH Natural Gas Used	5,853
Metric Tons CO2 Emissions	310
Total Metric Tons of CO2 Emissions	310

# **ENVIRONMENTAL IMPACT**



56%

**REDUCTION IN EMISSIONS** 



83.6

GASOLINE-POWERED **VEHICLES DRIVEN FOR ONE YEAR** 



TREE SEEDLINGS **GROWN FOR 10 YEARS** 

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