

APPENDIX 1-16

SIMPLIFIED FARM ENERGY ASSESSMENT

BASELINE FARM ENERGY USE

SUPPLY SOURCE	CURRENT USE (BTU)	PLANNED USE (BTU)	NET SAVINGS (\$)
Electricity ¹			
Natural gas ²			
Propane ³			
Diesel ⁴			
TOTAL			

¹ 1 kWh = 3,410 Btu

² 1 therm = 100,000 Btu

³ 1 gallon propane = 91,000 Btu

⁴ 1 gallon diesel = 139,200 Btu

PLANNED ENERGY USE REDUCTION STRATEGIES

FARM ACTIVITY	CURRENT ENERGY USE*	CONSERVATION/ENERGY REDUCTION STRATEGY
Tractor (tillage, mowing, and so on)		
Truck/other vehicles		
Irrigation pump		
Heating and cooling buildings		
Heating and cooling product		
Refrigeration/freezing		
Drying		
Dehumidifiers for storage		
Lights		
Fans		
Milking machines		

*Indicate actual amount if known, or relative usage — low, medium, high.