

Example Pump

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Report Results

	Baseline	Opportunities Modification
Percent Savings (%)	— —	0 %
Pump efficiency (%)	80.3	80.3
Motor rated power (hp)	200	200
Motor shaft power (hp)	101.2	101.2
Pump shaft power (hp)	101.2	101.2
Motor efficiency (%)	94.4	94.4
Motor power factor (%)	76.5	76.2
Motor current (amps)	125.9	126.3
Motor power (hp)	80	80
Annual Energy (MWh)	701	701
Annual Energy Savings (MWh)	—	—
Annual Cost	\$35,040	\$35,040
Annual Savings	—	—

Input Data

	Baseline	Opportunities Modification
Pump & Fluid		
Pump Type	End Suction ANSI/API	End Suction ANSI/API
Pump (RPM)	1,780	1,780
Drive	Direct Drive	Direct Drive
Specific Gravity	1.00	1.00
Stages	2	2
Motor		
Line Frequency (Hz)	60 Hz	60 Hz
Motor Rated Power (kW)	200 hp	200 hp
Motor (RPM)	1,780	1,780
Efficiency Class	Specified	Specified
Voltage	460	460
Full-Load Amps	225	225
Field Data		
Operating Fraction	1.00	1.00

	Baseline	Opportunities Modification
Cost (kW/hr)	0.05	0.05
Flow Rate (gpm)	1,840	1,840
Head (ft)	174.9	174.9
Load Estimated Method	Power	Power
Motor Power (kW)	80	80
Voltage	480	480