



VALUE ESTIMATING TOOL COST SAVINGS CALCULATOR FOR DAIRY PLANTS

MAIN REFERENCE ASSUMPTIONS:

Reference Conditions: 15°C (59°F) Sea Level

Availability: 100%

No Selling Extra Power

Estimates Include Maintenance Costs

This tool allows you to select the correct turbine for your dairy application and provides a quick evaluation of potential annual operating savings. This is only an estimate. Contact Solar and we'll put you in touch with one of our knowledgeable sales staff to review your specific project needs.



Visit the Solar Turbines CHP web page
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Solar[®] Turbines
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STEP 2 – Identify Your Potential Savings

Locate the gas turbine from step 1 in the charts below. Identify the savings line according to your gas [USD/MMBtu or USD/Sm³] and power [USD/kWh] costs.



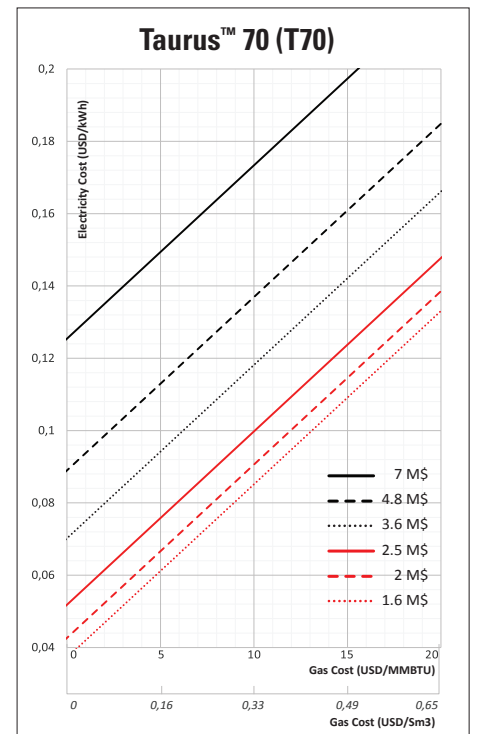
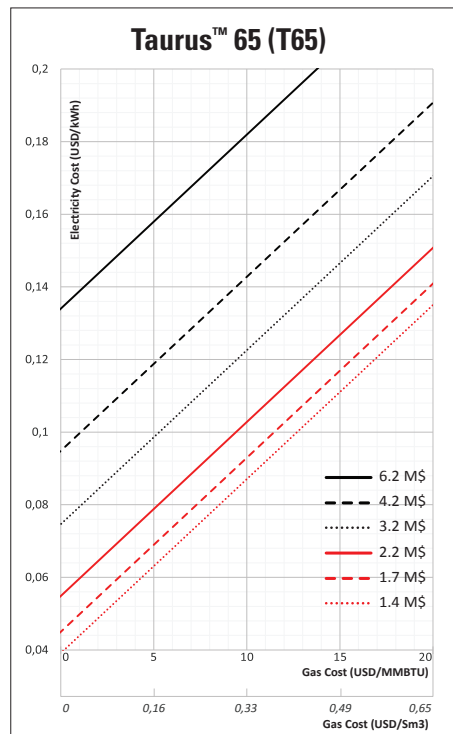
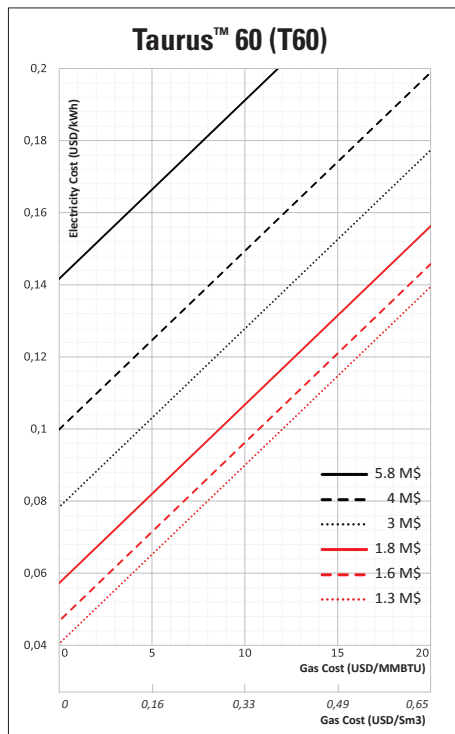
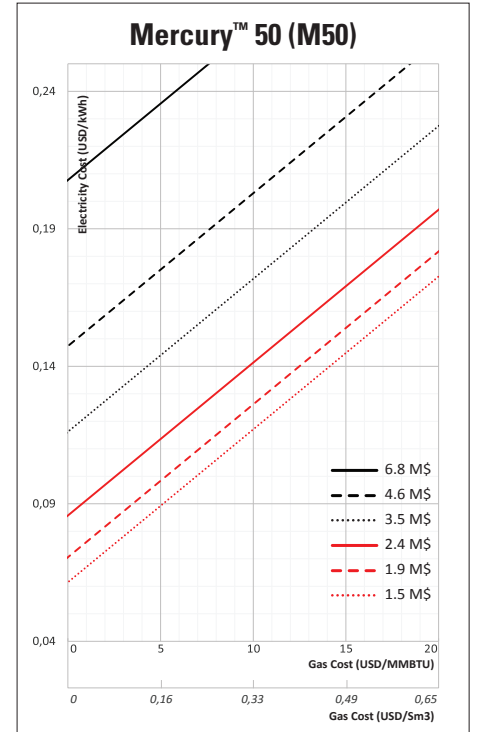
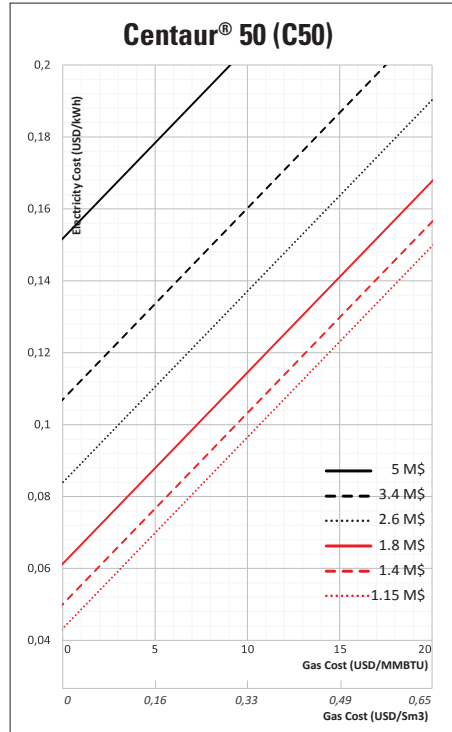
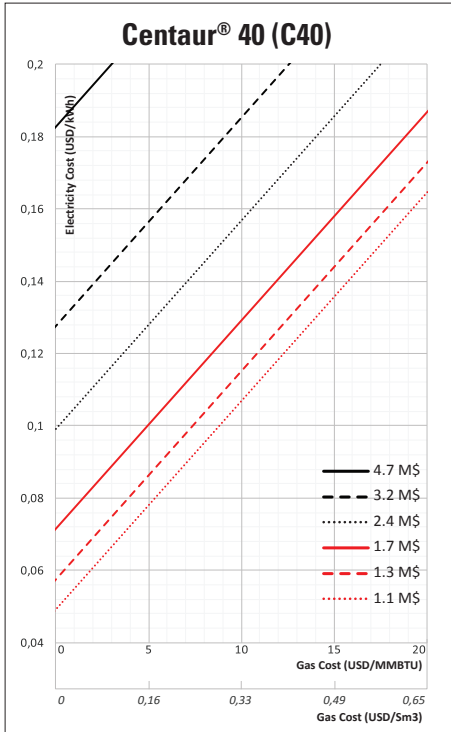
CALCULATION TIPS

Gas

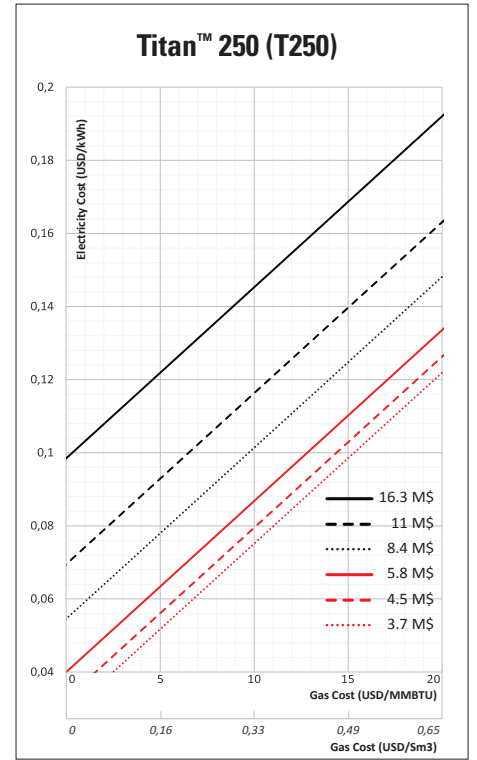
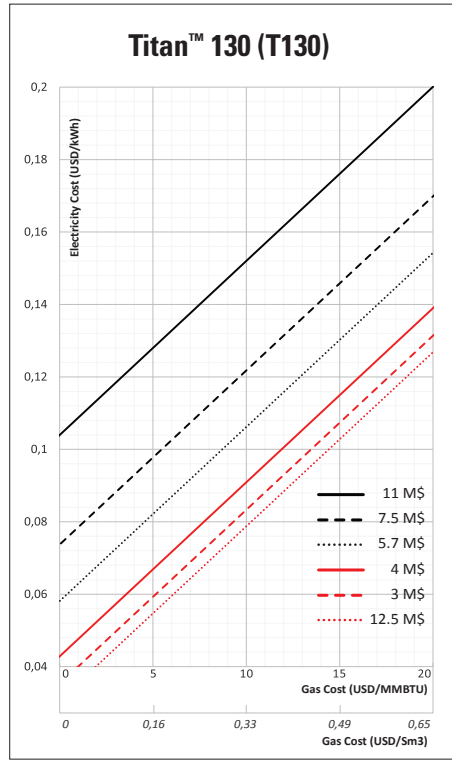
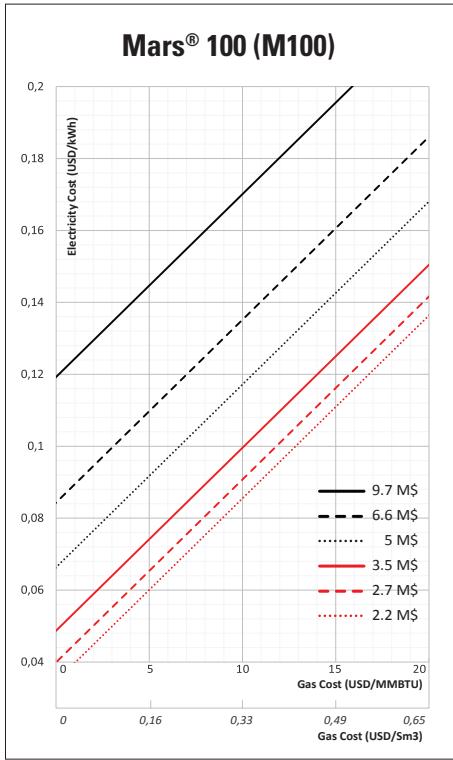
$$LHV = 9.5 \frac{kWh}{Sm^3}$$

Steam

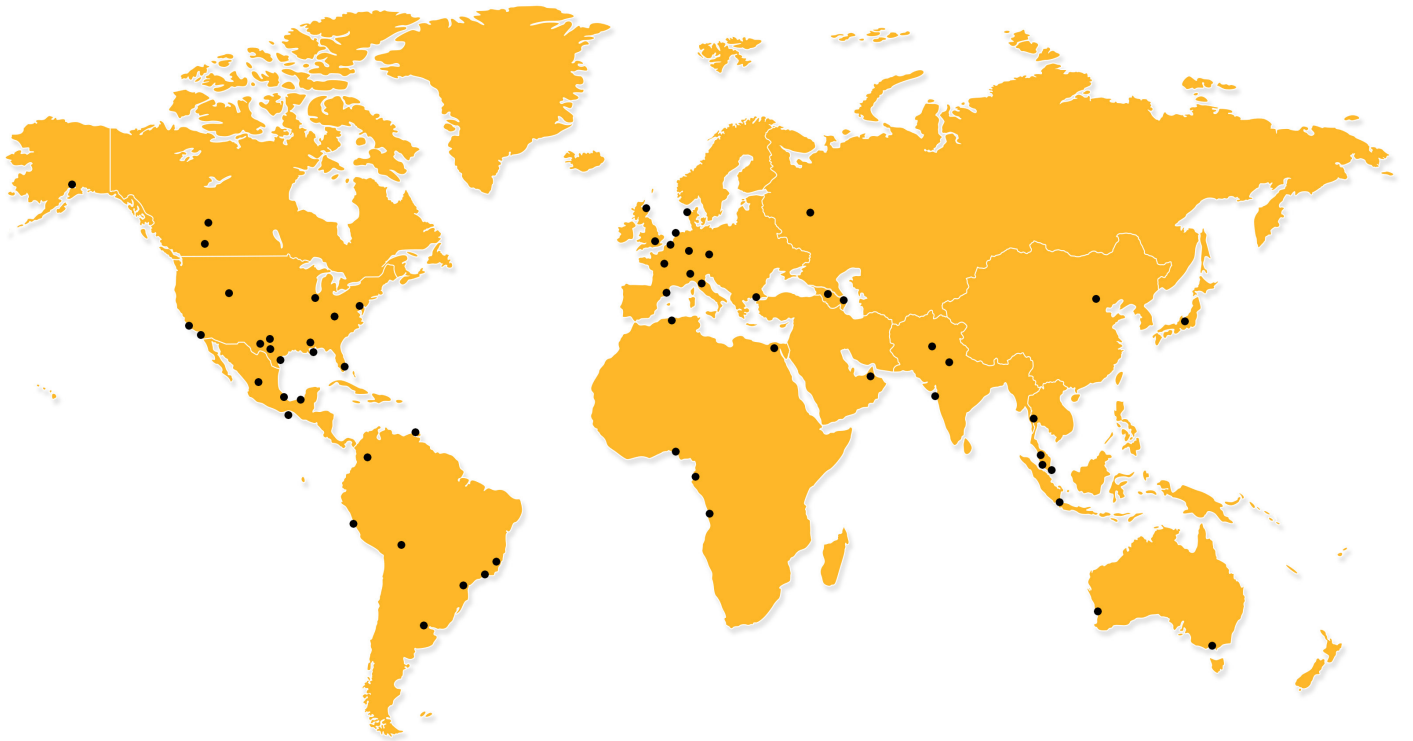
$$1 \frac{t}{h} = 2205 \frac{lb}{h}$$



STEP 2 (continued) – Identify Your Potential Savings



Solar Turbines - Sales and Service Locations



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