



Using the CowTime Dairy Energy Monitor

The CowTime Dairy Energy Monitor provides an opportunity to evaluate your own energy performance for your milk harvesting system. The information you gain from this monitor may enable you to reduce the amount of electrical energy used in your milk harvesting system. This is the first step in reducing the power you use in the dairy shed.

Survey work in Australia has shown there is a huge range in the amount of electrical energy used on dairy farms. Some farms use 4 times the amount of electricity used by other farms producing the same amount of milk. The Dairy Energy Monitor compares your energy costs and use with others based in the Gippsland region of Australia.

CowTime aims to challenge you to examine the factors that you can change on your own farm that will give you a milk harvesting system that best suits your farm and family goals. The Dairy Energy Monitor is an integral part of other CowTime activities and technical material.

How to use the CowTime Dairy Energy Monitor

Step 1 : You can receive a personalised CowTime Dairy Energy Monitor report for your farm by completing the simple questions overleaf about your own energy use in your milk harvesting process. You will need to look up your electrical power bills for your dairy for the past 12 months.

Step 2 : Submit your figures: Place your farm information in the appropriate spaces overleaf. Fax the sheet back to CowTime on (03) 5624 2290, OR Input them directly over the web at www.cowtime.com.au

Step 3 : A personalised report will be faxed or mailed back to you OR appear on your screen (print using the icon on your web browser tool bar). Your report will contain your results and some tips that can help you reduce your electrical energy use in the dairy.

Privacy Statement



We take your right to privacy very seriously. As part of the CowTime project's research efforts we collect certain details about the users of our 'Dairy Energy Monitor' service. Farm performance data collected by the service will be used to develop new benchmarking figures for the dairy industry. Personal details will be removed from the data and any results published or released will be in the form of aggregated figures only.

Personal information collected from this service will be kept strictly confidential and will not be shared with outside parties.

CowTime may contact some users of this service for evaluation or other purposes.

*Fax Back To National Milk Harvesting Centre (03) 5624 2200, Or
Enter Your Figures On Our Interactive Website Yourself At
www.cowtime.com.au*

Dairy Energy Monitor Data Collection Form

Place your farm information in the appropriate spaces below.

***You will need to have your dairy power bills for the last 12 months.
Check to make sure the bill refers to the energy meter for your dairy.***

1. How many cows were milked through your dairy in the last 12 months? Q1 _____ Cows
2. How much milk did you produce from the farm in the last 12 months? Q2 _____ Litres
3. What is the number of **milking clusters** in your dairy? Q3 _____ Units
4. How much hot water do you use in the dairy in a typical 24 hour period? Q4 _____ Litres
5. What type of dairy shed do you have? (tick one)

<input type="checkbox"/> Rotary,	<input type="checkbox"/> Double-Up Herringbone,	<input type="checkbox"/> Walk-Through,
<input type="checkbox"/> Swing-Over Herringbone,	<input type="checkbox"/> Double-Up Rapid Exit,	<input type="checkbox"/> Other

6. Fill in the figures using your last four (quarterly) dairy shed power bills. The \$ figure is usually on the front (include the service charges) and the total amount used (kiloWatthours) is on the back. Make sure the bills are for the meter at the dairy!

<u>Quarterly statements</u>	<u>Total cost (\$ only)</u>	<u>Total power usage (kWh)</u>
Bill 1	\$ _____	_____ kWh
Bill 2	\$ _____	_____ kWh
Bill 3	\$ _____	_____ kWh
Bill 4	\$ _____	_____ kWh

CONTACT DETAILS :- Please complete the following

First Name _____ Surname* _____ Telephone* (____) _____

Postal Address _____ Postcode* _____

Fax* (____) _____ Email _____

* These items must be filled in to access the CowTime Dairy Energy Monitor and to contact you with your results

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