

# Energy Efficient Communities - Dairy Business Grants Supplier Report Form

As the supplier or installer, you are requested to complete this report at the end of your involvement in the project. The grantee will submit this report as an attachment to their end of project report.

Complete this report to the best of your knowledge regarding the work you carried out under the [Energy Efficient Communities Program - Dairy Business Grants](#). Select all systems that apply to the work you carried out, and complete the reporting requirements for that system.

## Focus area

Please select each that apply to the work carried out.

- energy audits
- investment feasibility studies for energy efficiency upgrades
- energy monitoring
- milk cooling
- milk harvesting
- water heating
- irrigation
- stock water pumping
- dairy shed effluent pumping and treatment
- farm machinery upgrades/modifications
- farm automation (where not covered by another focus area)
- lighting

### Energy audits

Did the energy audit cover the whole site? If not, please describe what parts/systems were covered.

Please attach an Executive Summary of the energy audit which lists:

- major recommendations
- energy savings expected for each fuel, for each recommended action and in total
- capital cost for each recommendation
- simple payback for each recommendation

### Investment feasibility projects

What project(s) were investigated in the feasibility study?

Please attach an executive summary of the report which lists:

- major findings of the feasibility study
- expected energy savings for each fuel type for recommended project(s).
- expected capital cost for recommended project(s)

**Energy monitoring projects**

What kind of energy-using system or equipment has been monitored?

What energy sources and production parameters are being monitored (list all)?

**Equipment replacement, general**

What kind of equipment item(s) was replaced? (e.g. plate coolers, hot water heaters, milk transfer pump, chillers, cooling compressors, irrigation pump, dairy shed lighting)

Approximately how old was the equipment item(s) that was replaced?

What fuel was used by the original equipment item (e.g. electricity, LPG, diesel, LPG, petrol, natural gas)?

What fuel is used by new equipment? (e.g. electricity, LPG, diesel, LPG, petrol, natural gas)? Is the replacement equipment now fully operational? If not, briefly outline the issues and expected next steps.

If the equipment that was replaced is a hot water heater, how many Small-scale Technology Certificates (STCs) were created?

**Other equipment modification projects, general**

What system or equipment item was modified? (e.g. plate coolers, milk transfer pump, chillers, cooling compressors, irrigation pump, dairy shed lighting)

Briefly describe how the system or equipment item was modified (e.g. new VSD installed on pump, modulating burner installed on existing boiler)

Approximately how old was the equipment item(s) that was modified?

What fuel is used by this equipment item (e.g. electricity, LPG, diesel, LPG, petrol, natural gas) Please indicate if the fuel type changed as a result of the modification)?

Lighting

What was the predominant original lamp technology (e.g. halogen, compact fluorescent, linear fluorescent T5/ T12/ T8, HID)?

What was the predominant original lamp wattage, if known?

What was the number of original lamps (globes) removed, if known? If the original light fittings contained more than one lamp (globe) per fitting, ensure that total number of lamps removed is recorded.

If the original lamp wattage and number of original lamps is unknown, report the approximate breakdown of the space where the lighting was upgraded into the following categories: auditorium or public hall / office / classroom / toilet or change room / store / other (specify).

If the lighting upgrade is for a lighting controls project only (with no changes to the light fittings themselves), provide an estimate of the energy savings (kWh per year).

How many small scale technology certificates (STCs) were created by the installation?

Equipment replacement, general - additional space if required.

What kind of equipment item(s) was replaced?

Approximately how old was the equipment item(s) that was replaced?

What fuel was used by the original equipment item (e.g. electricity, LPG, diesel, LPG, petrol, natural gas)?

What fuel is used by new equipment? (e.g. electricity, LPG, diesel, LPG, petrol, natural gas)? Is the replacement equipment now fully operational? If not, briefly outline the issues and expected next steps.

If the equipment that was replaced is a hot water heater, how many Small-scale Technology Certificates (STCs) were created?

Name of supplier/ installer organisation

Name of supplier/ installer. ....

Signature .....

Date