**Appendix 10: Energy Efficiency**

Energy usage at Moorside Farm is as follows:

|  |  |
| --- | --- |
| Energy source  | Use  |
| Electricity  | Lighting, computer control systems for feed delivery, feed augers, water pumps, changing/medicine room lighting and fridge |
| Diesel  | Pressure washer and vehicles |

**Basic energy requirements**

**Heating: where applicable**

* No heating.
* All buildings are naturally ventilated.

**Electricity**

* Low energy light bulbs are used in the office and changing area.
* Low energy fluorescent lights are used in the sheds.

**Fuel oil**

* There is no diesel storage within installation boundary or related primarily to the pig enterprise.
* Vehicles and tractors are serviced by a contractor at recommended service intervals
* All staff and contractors employed on site are trained in the efficient use of equipment, including driving techniques. Training needs are reviewed annually and as new equipment or techniques are introduced
* Energy usage is recorded. In accordance with the permit, energy efficiency and usage will be reviewed every four years. Opportunities to improve energy efficiency will be implemented if suitable.

**Further potential improvement measures include:**

* Installing more energy efficient equipment and controllers, as appropriate.