

WHAT A UNIT CAN DO

Here are some of the principal uses of electricity in the farm-yard and the home, showing in each case approximately what a UNIT of electricity can do.



WHAT A UNIT CAN DO

In the

FARMYARD

★ GENERAL

Electric Motors	...	Work a 1 h.p. motor fully loaded for one hour, or a one-third h.p. motor for 3 hours.
Slicing Roots	...	Slice 2 tons.
Grain Crushing	...	Crush 10 st. of oats.
Grain Grinding	...	Grind 5 st. of grain.
Cutting Chaff	...	Cut 4 cwt.
Cake Crushing	...	Crush 10 cwt.
Sheep Shearing	...	Shear 20 sheep.
Sawing Timber	...	Give 36 mins. work such as twice through a 45" diameter tree trunk with portable cross cut saw.

★ POULTRY and EGG PRODUCTION

Incubator	...	Hatch 4 eggs.
Brooding	...	Rear one chick.
Grading	...	Grade 2,000 eggs.

★ DAIRY

Milking	...	Milk 10 cows morning and evening.
Churning	...	Churn 100 lbs. of butter.
Separating	...	Separate 150 gallons of milk.
Sterilizing	...	Sterilize upwards of 100 bottles.
Hot Water	...	Provide 3 gallons of scalding hot water.
Cooling	...	Cool 30 to 35 gallons of milk.

WHAT A UNIT CAN DO

In the

HOME

★ GENERAL

Lighting	...	...	Light a 100 watt lamp 10 hrs. or a 60 watt lamp 16 hrs.
Iron	...	...	Iron for 3 hrs. (one week's average ironing).
Kettle	...	...	Boil 18 pints of water.
Radio	...	...	Give 12 to 25 hours use.
Boiling Ring	...	...	Give 1 to 2 hrs. use for one unit.
Warming Plate	...	...	Give 2 to 10 hrs. warming.
Toaster	...	...	Give 2 hrs. use.
Coffee Percolator	...	...	Give 2 to 3 hrs. use.
Dish Washer	...	...	Give 3 to 5 hrs. use.
Towel Rail	...	...	Give 2 to 20 hrs. warming.
Hair Drier	...	...	Give 1½ hrs. drying.
Fan	...	...	Give 10 to 50 hrs. use.
Cooking	...	...	Cook for one person for one day.
Washing Machine	...	...	Give 4 hours use (four weeks average washing).
Refrigerator	...	...	Give 1 day's running.
Vacuum Cleaner	...	...	Give 6 to 8 hours use.
Fire	...	...	Give 1 hrs. use of a 1 KW fire.

★ WATER PUMPING

Pressure supply or tap in home	...	...	Provide 3 days supply in an average size household.
Farmyard	...	...	Pump 400 gallons, i.e., requirements of 1 horse for 40 days or 1 cow for 26 days.

Plan your wiring to cover all uses of electricity in farmyard and home. This will save trouble and expense later as you acquire equipment.

RATES OF CHARGE IN RURAL AREAS

The charges for units of electricity (in addition to the two-monthly fixed charge) are:

For the first 80 units used per two-monthly period 2.8d. per unit.

For the next 280 units per two-monthly period 1.5d. per unit.

For the excess over 360 units per two-monthly period 1.1d. per unit.

For further details and particulars of the two-monthly fixed charge, see the **REO** Rates of Charge leaflet. The figures given in the list overleaf represent the normal amount of current consumed in average use, and may vary in some cases, depending on the type of appliance used, and on other circumstances.



RURAL ELECTRIFICATION OFFICE,
ELECTRICITY SUPPLY BOARD,
DUBLIN.