

EVEN ISOLATED FARMS MAY HAVE ELECTRICITY

Electrical engineers declare that no home, no matter how far removed from cities, need be without the cheery brightness and the decorative charm of electric lights. In all places where a public utility lighting and power company has its lines of transmission wires, the house simply needs to be properly wired.

Farm houses that are isolated are in many places installing their own electric light and power plants. These are entirely self contained. A small gasoline engine furnishes power for an electric generator which produces the electric energy not only for lighting the house, but for running a pump for the water system and power for many of the farm machines.

These farm light and power sets are so comparatively simple that cases are on record of where women have run them and taken care of them without assistance.

By means of these, electricity can be brought into any home that is out of reach of the lines of the electric light and power companies.

Electric Whip—for the Kitchen
The electric whip has also arrived. Calm yourself—this isn't a refinement on the rod that must be used if the child is not to be spoiled. It's an egg beater, mixer, creamer, and it's said to be capable of taming the wildest eggs, cream, batter or dressing.



FISK TIRES
FOR SALE BY
Thos. S. Evans
Murphy, N. C.

Conference of Savings Leaders at Washington; Sale of Treasury Savings Certificates to Go On



The above photograph was taken on the White House Lawn during the recent conference of the Savings Directors from the twelve Federal Reserve Districts. In the middle may be seen President Harding. The second from his left is Secretary of the Treasury Mellon, while on President Harding's right is National Savings Director Lew Wallace, Jr.

WASHINGTON, D. C.—(Special)— That the sale of Treasury Savings Certificates has become a permanent part of the financing program of the United States government was divulged at a meeting just held in Washington, which was attended by the Savings Directors from the 12 Federal Reserve Districts of the United States, when plans were made for continuing the sale of these securities for years to come.

The Fifth District, comprising the District of Columbia, Maryland, North Carolina, South Carolina, Virginia and West Virginia, was represented by Howard T. Cree of Richmond, Va., the Savings Director for the district, who appears at the extreme left of the president in the above picture. Mr. Cree went to Washington with sales figures for the district which showed that last year the people of this district invested almost 10 times as much in these securities as in the year previous more than 10 million dollars having been invested, and the district exceeding its quota by nearly three-quarters of a million dollars.

Lew Wallace, Jr., National Director of Savings, urged the district directors to go back home and exert every influence and effort to increase the sale of Government Savings Securities in order to minimize the loss from worthless investments. Mr. Wallace told the directors that there were

many "land pirates" these days—"the pirates of finance." He declared that there were thousands of smooth-talking stock salesmen—full of glib promises—who are hard after the savings of the people in exchange for their get-rich-quick investments. "Go back home and tell your people to beware of the wild-cat stock salesman. He is more dangerous than the old-time pirate of the high seas ever thought of being."

The government is particularly desirous of helping the people of this country to spend wisely, save systematically, and invest safely. In order that an avenue for safe investment may be opened up, particularly for small investors—to whom safety is the first consideration, Treasury Savings Certificates are offered, yielding about 4 per cent per annum, compounded semi-annually, and maturing five years from date of issue, or which may be redeemed at option prior to that date at values increasing every month. These certificates are issued in denominations of \$25, \$100 and \$1,000, and may be purchased at a discount price of \$20.50, \$82 and \$820, respectively. They will not fluctuate in market value, they are always worth more than they cost, they are easily convertible into cash, and they are absolutely safe. These securities can be purchased through your local postmaster or from the Federal Reserve Bank at Richmond, Va.

PORTABLE RADIO SET USING FLASHLIGHT BATTERIES IDEAL FOR USE ON FARM

New Receiver, Weighing Less Than 18 Pounds and Using New UV-199 Tubes, Perfected by General Electric Company.

A compact, self-contained portable radio receiving set requiring only flashlight batteries for the filaments of the tubes used, and weighing less than 18 pounds, has been perfected by the General Electric Company for the Radio Corporation of America. An outstanding feature, adding to its portability and desirability for camping trips, or use on the farm, is the fact that the new radiotrons, UV-199, are

a neat appearance in the home and is considered the ideal outfit for use on the farm. The front cover can be easily detached.

Radiola II comprises a regenerative receiver with a vacuum tube detector and one stage of audio frequency amplification. The circuit is considered very efficient and will operate a loud speaker on signals received from nearby stations. With an additional



A Schenectady County Farmer Using the Radiola II.

used, which require only 50 milliamperes (.05 amperes) filament current per tube.

This new outfit, known as the Radiola II, will receive radio messages over a range from 200 to 600 meters for a distance as great as any set having a detector and one stage of amplification. It is housed in a mahogany cabinet with hinged front and rear covers. Head telephones with plug attached are clamped on the inside of the front cover. Provision is made in the rear cover for all batteries in such a way that they can be easily exchanged.

The set is so designed as to make

it possible to use the filament current is supplied from two 3-cell, 4.5-volt flashlight batteries in parallel and the plate or "B" battery current is supplied by two 22.5-volt batteries connected in series. For home use when weight and portability are not essential, larger batteries both for filament and plate current can be used. For such use it is recommended that three 1 1/2-volt dry cells in series be used for the filament and two larger size 22.5-volt batteries in series be used for the plate voltage.

amplifier, it can be used to secure loud speaker signals from distant stations. For portability use the filament current is supplied from two 3-cell, 4.5-volt flashlight batteries in parallel and the plate or "B" battery current is supplied by two 22.5-volt batteries connected in series. For home use when weight and portability are not essential, larger batteries both for filament and plate current can be used. For such use it is recommended that three 1 1/2-volt dry cells in series be used for the filament and two larger size 22.5-volt batteries in series be used for the plate voltage.

MOTOR MOUNTED ON POWER STAND

New Electric Equipment Has Proved Useful to Farmers During the Busy Season.

CAN BE EASILY MOVED ABOUT

Called the "Extra Hand on the Farm," Because It Can Do So Many Small Duties—Motor is 1/4 H. P.

In an endeavor to solve, to some extent, the labor problem on American farms, the General Electric Company has brought out a unique, yet simple, apparatus known as a power stand. It enables a small, powerful motor to be transported from place to place about the farm, mounted on a tripod. The tripod is provided with a combination pulley, which allows either a round or a flat belt to be used. The



Power Stand Operating Corn Sheller

motor can also be connected directly to the farm machine which it is to drive. No new parts need be secured, but the handle of the farm machine need simply be replaced by a pulley, to enable the power stand motor to be connected up.

To steady the tripod against the vibrations of the motor there is a telescoping rod which allows it to be braced against the farm device which it is operating and a strap, which is snapped into a screw-eye in the door. Included with the equipment is a standard plug and twenty feet of cord. The motor is of the fractional horsepower type, not above one-fourth horsepower in rating. It will operate at 110 or 220 volts, 50, 60, 70 or 25 cycles, alternating current, and at 110, 220 or 25 volts, direct current.

Gives Farm an Extra Hand
What the power stand, with its motor practically amounts to is an extra hand on the farm. It can work away at one farm operation watched by a young boy, or even a woman, the farmer who wouldn't be able to participate in the heavy duties of the farm. Meanwhile the able-bodied working force can carry on the pressing occupations of the moment without being retarded by the necessity of doing the lighter work that the power stand handles.

This lighter work includes such duties as operating a grindstone, a feed grinder, a corn sheller, lancing muffs, ether presses, horse clippers or watering pumps. The power stand, as an "extra hand" or a farm helper when somebody has described as "never quitting," can also run a chum, a cream ripener, a cream separator, an emery wheel or such devices as fruit graders, ice breakers, ironing machines, small lathes, milk mixers, sheep shearers, sausage stuffers, washing machines or pea and bean hullers.

A Lift in the Rush Season
During the perennial rush season on the farm, when duties come pressing from morn to night, the power stand answers two momentous questions: "Which job shall be done first?" and "Which man can be spared to do it?" Actual experience on farms where the power stand has so far been put into use proves the usefulness of the power stand, and the timeliness of its appearance. It allows more time for other things; it releases more man-power for the fields; it eliminates the vexatious interruptions which always occur when human hands undertake a task; for the tireless motor works right ahead until the work is done. The fact that it is portable and can be carried to the work, on any part of the farm, has appealed to many users.

The power stand works as well as the electricity comes from an individual farm lighting outfit as it does when the energy is purchased from a power company's lines.

When the Phone Rings
Electricity is getting so it will answer the telephone. A device being tested will take a "phone" message on a collector in case nobody answers. We call and deliver it to a subscriber when he returns. Now again "nobody" home!

Electricity Grows Mightily
In less than twenty years the electricity produced in America has increased more than fifteen times. It is now five times greater than it was just twenty years ago. In the next eight years a year, electricity will be produced in America at the rate of 100,000,000 kilowatt-hours.

Record For Safe Travel On Trains of Southern

Atlanta, Ga.—Figures just compiled by the safety department of the Southern Railway System show that a high degree of safety for passengers was accomplished during the year 1927 when the Southern handled a total of 17,658,605 passengers without a single fatality to any passenger as the result of an accident to a train, for negligence on the part of the railway.

A total of 177,084 passenger trains were operated during the year and the average distance traveled by each passenger was 62.17 miles. Had one passenger ridden the entire distance that these passengers were carried, he would have traveled more than 44,000 times the distance around the earth.

Four passengers were killed as the result of their own acts in violation of the safety rules established for their protection. Of these, two fell

Insect bites? MENTHOLATUM stops the itching and gives comfort.

from moving trains, one attempted to board a moving train and fell under it, and one jumped through the window of the coach in which he was riding.

"These figures," says a statement issued by the railway department of the Southern, "show that, while the Southern has attained remarkable degrees of efficiency in protecting the passenger who rides in its trains, it has not neglected the matter of personal safety of its passengers. The Southern Railway System has established the most comprehensive and effective laws of safety, and the rules which have been established for their protection."

DON'T STOP!

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\$1.75 Overalls—best grade 220 Denim	Men's B. V. D. shirts & drawers 39c
35c Gingham-Amoskeag 32 ins. best grade made, yd. 15c	\$1.50 men's hats 69c
25c Gingham-Amoskeag, 27 ins. nothing better, yd. 13c	85c ratine, all colors 50c
\$1.00 Blue Chambray work shirts 89c	1,000 yards 25c percales, voiles, linens, etc. yd. 15c
Men's, women's & children's hose 10c	Closing out all ladies trimmed hats. You know what that means.
\$1.00 Ladies pure silk hose— all colors 49c	J. P. Spool Cotton, 150 yds. 5c
Quilt calico yd. 7c	Children's dresses 98c
	Ladies' house dresses \$1.48

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32x3 1/2 Straight	15.95
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32x4 1/2 Straight	21.50
34x4 Straight	22.50
34x4 1/2 Straight	23.50
34x4 3/4 Straight	26.40
34x4 1/2 Straight	27.25
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