heater-one pound of good co

tains in heat about 14,000 British

thermal units. A kilowatt hour on

the other hand, is three thousand,

four hundred and twelve British ther-

mal units. Thus you may say that,

equal to four kilowatt hours. And,

plained of the 'waste of energy,' of

the water pumped by the motor,

"But there are other considera-

which was driven by the dynamo.

tions. First, the thermal value

coal is high. Coal is still compara

tively cheap, and we waste it in

thousand ways. The house gets cold,

and we shake up the furnace, open

the dampers and come away, leaving

six shovels or so on, and then, in an

hour or two, when the house has got

unbearably hot, we find that all the

coal has been burnt away. Of the

actual heat produced by that coal,

about four-fifths has gone up the

chimney. Moreover, we use thin glass

in windows with loose frames. Much

Secondly, cheapness is not all that

cheaper than either gas or electric

get electric light will use coal-oil

lamps. In the same way the furnace

is a dirty thing. The house is made

dirty when the coal comes into it,

every operation in connection with

it. The average man acutely realizes

the expense of furnishing replied Mr.

Ainsworth. "But there the climate

on that basis, a pound of coal

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PAGI

### SPECTACLE COMFORT AND SATISFACTION.....

That is precisely what we aim at in selling spectacles. If your eyes need help for reading or working we can

help you to the right kind of glasses at very little expense. Our facilities are equal to testing eyes scientifically, and where special lenses are required we have the backing of the biggest Optical organization in Canada.

You can depend on thorough satisfaction with everything we sell, with your interests at all times on a par with our own.

# R. L. MORGAN

Druggist and Optician Lindsay, On

N B .- Special sale of St. Patrick and Easter Post Cards. Large assortment.

# OVERSEER BRADSHAW'S ANNUAL REPORT ANGLING SEASON VERY SATISFACTORY

Game and Fisheries Dept. for 1912 is they were more numerous this season to hand, and contains the following than they were last year, and this is interesting report of Overseer Brad- pleasing to all true sportsmen. shaw, of Lindsay:

reports that the angling season was local trappers; prices were higher a most satisfactory one. Maskinonge than usual for their skins, so that were more plentiful than they have been in these waters for years.

"Bass were caught in large numbers, also. In spring, when the maskinonge were on their spawning beds, the water was high and the weather rough and windy, so that the were enabled to deposit their ova in ditions the roe had a good chance to action came to his knowledge-a case

that county for a period of two years | the case is not fully settled, owing

The sixth annual report of the | "Ducks are increasing year by year;

"Muskrats were plentiful in spring "Overseer A. Bradshaw, of Lindsay last, and good catches were made by trappers were well satisfied with

the season's catch. "Mink were caught during the fal and winter months, but many were caught in spring, when trappers were

catching rats. "The law during the close season was well kept in that section. Only comparative safety, and by these con- one case upon which he could take

of an Indian spearing rat houses. "The protection given the frogs in | The Magistrate imposed a fine, and should help them to become numer- to the defendant having left the County of Victoria.

# LIGHTING OF FARMS BY ELECTRICITY PLANTS FOR PURPOSE ARE ECONOMICAL

The large city electric lighting light, 20 light capacity. In the city plants cannot supply current to the where current is supplied by a large farm houses because of the great ex- lighting company, the voltage is uspense for poles and miles of wire, ually 110 volts but where storage but the small individual farm lighting plants are economical as well as reliable. The first farm electric outfit, a lower voltage, as 24, 30, 35, plants were not entirely successful. is proper, as fewer batteries are nethey required an electrician to install | cessary than if it were attempted to them and connect up the batteries, switchboard and dynamo. They also residence voltage. The light produced lacked automatic features, so that the | is just the same, however, as the farmer had to give much of his at- lamps used on the farm are designed tention to the operation. Reliable to be operated at the lower voltage. concerns, however, realizing the large | The filament, which is the part field for business, studied the farm the electric lamp that gives off the lighting problem, and there are now light, is usually made nowadays lighting plants that are designed to tungsten, and this is stronger when eliminate the necessity for attention. | used on the farm circuit because In fact, the manufacturer no longer | the fact that voltage is lower than has to send out several feet of di- the city voltage. A farm electric iy." rections and instructions, but all this lamp has a life between 600 and 800 is contained in a small leaflet,

Farm lighting plants are cheaper today because they are now made in quantities, and also because there is more competition. Standard sizes are plants, and rated as 12 light,

batteries are used in connection with a lighting dynamo, as in the farm design the farm plant for the city

hours-over a year. means that a total of twelve lamps allows the use of any number of prophecy on this point. known as 24-volt, 30-volt, or 35-volt lamps as long as no more than

time. In case fourteen lamps turned on, those lighting plants that have automatic arrangements, will simply cut off the current, indicating to the farmer that he has more than twelve lights on. When he turns off two all others can again be lighted. If we take a typical example, the simpleness of installation and operation will be apparent.

On the first floor of the farm house we have, say, ten lamps, on the second floor there are four, and outside and in the barn there are seven. The lamps used are 20 watt, 16 candlepower made for use on 24 volt circuits. The farm houses could be wired for \$35 to \$40, exclusive of fixtures, the wiring being in accordance with what is called the "knob and eube" system, with the wires between the walls and between the floors and ceiling. For the barn the wires could be run on the surface of the walls and ceiling, and this can be done more quickly and therefore at a small cost. For the farm cited a 12 lamp light-

ing unit would be satisfactory, and one of the new types, which has the batteries, dynamos and switchboard all permanently mounted on skids, can be bought in this capacity for \$350. This unit can be carried to where your engine is located, so that for about two hours a day (during the winter months) the dynamo can be belted to the engine for charging the batteries. Of course, if there is no engine of one to one and one-half horse power or over on the farm, it will be necessary to buy one, but on many farms there is an engine that can be used. Since the parts of the lighting unit are mounted on skids at the factory, all connections are also made so that an electrician need not be sent to set up the apparatus, but the farmer himself can connect the two main wires from his house to two terminals at the top of the switchboard. The batteries reach the farm charged, so that the lights can be turned on as soon as the two connections mentioned have been made.

There may be occasions when it is desired to have more than twelve lamps turned on, as in the case of party. To do this, the dynamo kept running, so that current is being supplied by the batteries and the dynamo, instead of by the batteries

alone, as usual. The cost items are as follows: Lighting unit ..... \$ 350.00

21 lamps, 20 watt, 11 can-

Many growing girls in school or business are frail-delicateanemic-lack energy and ambition and have thin blood. It is all unnatural and unless checked leads to serious and chronic ills.

Nourishment, not drugs, is the law of reason to build strength -but when appetite is poor and digestion weak, ordinary foods do not nourish-then SCOTT'S EMULSION is necessary.

SCOTT'S EMULSION overcomes just such conditions; its tissue material enters the blood without digestive effort and makes it rich. It tones the whole system and starts the healthy action of

> Imitations are often offered, but to get results you must get SCOTT'S. cott & Bowne, Toronto, Ontario

cells throughout the

more air comes in than is necessary for ventilation, and thus further heat Wiring of house and barn. is lost. After all, why should a house Fixtures (varies) ..... ple sleep with open windows? Would The first cost is .....

Running expenses would be as folcool, keeping it merely above freezing? 60 gallons gasoline at 21c.\$

Depreciation, 5 per cent of one requires-in some cases it is really the highest price you can pay Oils, incidentals, lamp re-For example, coal-oil lamps for newals, etc. ..... .... lighting purposes are undoubtedly

2.49 light. But very few people who can Yearly cost ... .... Monthly cost .....\$ During the summer months,

cause of the long days, lights seldom used, and the batteries need be charged but once or twice a week. there is a dirt in stoking, and more In the fall and winter months charg- or less dirt generally in regard to ing once a day for two and one-half to three hours will satisfactorily maintain a supply of current for use at any time of day or night.

The average monthly cost of \$2.49 only requires a partial heat in housof electric lighting is low, and when es, and the people don't like their the conveniences are considered, it is houses to be very hot. Some large no wonder that the farmer has been country houses in the United States installing lights.

Apropos of the recent introduction of hydro-electric power the following article from the Toronto Star Weekly on house heating by electricity,

"I think the time will come," said Mr. Ashworth, of the Toronto hydro-electric, "when a great deal of house-heating will be done elertrical-

16 twelve are turned on at the same under present day conditions, elec- of coal and that of electricity as a

tricity can compete with coal as heater. I may say that at the exhibition of 1876 there was on view ing,' said the spectators, 'but of no practical use, because the motor doesn't pump as much water as it

are already heated throughout by el ectricity. The Biltmore estate, which (I believe) is in the middle East of the United States, is one of them. I should point out that in New York THIS IS COMING IN THE FUTURE and Chicago electricity is produced by coal, so that an increase in production always necessitates an increase in the cost of production, that is to say, more coal is required. But with us there is no additional expense on account of the an artificial waterfall driving a dy- electricity being produced by waternamo, which, in turn, drove a motor, power. Although, up to the present, which worked a pump. 'Very interest- I know of no people in Toronto who use electricity as a means of heating their houses throughout, there are many who use electric heaters in vartakes to drive the dynamo - there is ious rooms, and are thoroughly well "When, if at all," queried the Star waste of energy?" This is at the satisfied with them. And the use of Weekly, "do you imagine that elec- bottom of the whole electrical ques- electric appliances for cooking grows A 2 lamp lighting plant or unit, tricity will be able seriously to compete with coal as regards cheap- But the great point about electricity Their main advantages-and the pubcan be turned on at one time, which ness?" Mr. Ashworth declined to is that you can get, what, where you lic are not slow to realize them—are want it, and when you want it. As cleanliness in the matter of "I won't argue," he replies, "that regards the comparison of the cost furniture and carpets, but the only dimly guesses at the amount of damage done day by day to both by the chief dirt producer in the house.

> Electric heating eliminates the dirt nuisance altogether. "Thirdly, you must remember that the widespread use of electricity must reduce the cost, We have to cover the streets anyway, and the larger the number of people who use electricity, and the more current each uses, the cheaper rate for the current will be to each. If the capital investment for each consumer is two hundred and fifty dollars, with twenty thousand consumers, then, i the number of consumers is raised to a hundred thousand, the capital expense per consumer might be reduced to about seventy-five dollars. In other words, the more electricity that

general use of control."

Star Weekly."

public are appreciating them. The Staples. Star Weekly examined an almost bewildering array of chafing-dishes, toasters, grillers, flat-irons, eggboilers, coffee percolators, kettles, shaving-mugs, hair-dryers, etc., and witnessed demonstrations with severthat the ingenuity of these timesaving- electrical appliances is as magical as their fascination is undeniable

Dr. de Van's Female Pills A reliable I rench regulator; never fails. These pills are exceedingly powerful in regulating the generative portion of the female system. Refuse all cheap imitations. Dr. de Van's are sold at \$5 a box, or three for \$10. Mailed to any address. The Scobell Drug Co., St. Catharines. Ont.

The market, William from Kent to the For sale at Higginbotham's store.

# THE VICTORIA LOAN and SAVINGS COMPA

INCORPORATED 1895

building up from that, you may arrive, arithmetically, at the conclus-Reserve Fundsy Capital Paid Up \$325,000 ion that electricity cannot compete

on equal terms with coal for heating This Institution is in a position to extend unusual facel purposes, until you can get four kilo- Savings Bank Depositors. On account of the high rates pres tor money, the Company will until further notice issue its 6 watt hours at the price of one pound of coal. But, in starting this con-Debentures at the rate of 5 per cent. On open deposit the clusion, we should be putting oursel- 3 1-2 per cent. in all cases from date of deposit to date, ves back in the place of the people drawal. at the exhibition of 1876, who com-

Mortgage loans at current rates.

C. E. WEEKS, Manager

Other Assets . .

NEWTON SMALE

### The STANDARD BANK of CANA STATEMENT

E. Weeks, of Lin From Report to Dominion Government, 31st Jan. 191 LIABILITIES RESOURCES

Cash on hand and Notes and Cheques of other Banks . . \$5,541,652.65 Government Deposit to secure 110,000.00 Circulation . 362,213.99 Due by Banks . . . . . Government, Municipal and Deposits 2,766,192.18 be kept hot all night long, when peo- | Call Loans on Bonds, etc. . 2,501,087.30 Loans and Discounts it not be possible to let the house Bank Premises, Head Office and Branches .

996,029.01 58,645.22

ciated. Addresses fiss A. Beatty Capital . . Mr. Hewitt, of To Reserve Fund, Surplus . Profits Ola Brass also gar and Reserved for Interest was beartily appla Dividends Band gave several Circulation so a drill entitled nine little girls, v audience. Proceeds amounted to over Mrs. (Dr.) S daughter Norma ar ents, Mr. and Mrs.

# COMMERCE

\$41,234,487.92

JOHN AIRD ALEXANDER LAIRD Assistant General Managents, General Manager

CAPITAL, \$15,000,000

REST, \$12,500 Miss Lillian Day or Hogg & Lytle

### BANKING BY MAIL

Accounts may be opened at every branch of The C Bank of Commerce to be operated by mail, and will rece Mr. W. Hore, of ' same careful attention as is given to all other departments fr. and Mrs. J. S. Bank's business. Money may be deposited or withdrawn Mr. J. F. Brass way as satisfactorily as by a personal visit to the Bank ow on Monday.

A. HOLMES, Manager Lindsay Brancesby had the m

# Inproving nicely.

INCORPORATED BY ACTOF PARLIAMENT. LESTABLISHED AD Mr. Herb Perrin h Lindsay Branch Established A.D. 1858

> Every description of Banking business transacted. Savings Department at every Branch.

Branches in every Province of the Dominion, every important city of the Dominion, Newfoundland, London, England New York, Chicago, etc:

Paid up Capital ..... . \$16,000,000 Undivided Profits .... \$802,000 \$32,802,000

H. B. Black - Manager Lindsay Braz

OFFICE HOURS: 10 to 3 o'clock. Saturdays, 10 to 1 o'clos

# SIXTY AND FORTY P.C. BASIS SUGGEST FOR WILLIAM AND KENT ST. PAVEN

A meeting of the committee of the the C.P.R. station. is utilized, either for lighting or for citizens appointed at the recent pubheating purposes, the cheaper it will lic meeting to confer with the town adoption of a 66 and 33 F be both for heating and for lighting. council in reference to the adoption rate on residential streets. "Are any houses elsewhere heated of a policy of permanent roadmaking, solely by electricity?" asked The met last evening. There were present His Worship Mayor Beal, Reeve "In quite a few cases in England," Kylie, Ald. Smale, Irvine, Warren, that it be narrowed by economy, automatic arrangement and and Adams, and Messrs. Wm. Fla- feet to the sidewalks of velle, F. W. Sutcliffe, G. H. Wilson, and having the hydrants And it is easy to believe that the J. Boxall, G. Blackwell and W. W. outside.

The question of a basis for the di- urging on the council the vision of the proportion of the cost ity of having Kent-st. and of permanent pavements to the pro- st. proceeded with as perty abutting on the work, and af- sible. so to the general tax was considered, and it was decided to recommend to al of them. And one can only say the council that a basis of 60 and 40 per cent. be adopted for the main tnoroughfares-60 for the property fronting and 40 per cent. to general tax. The council at its session on Monday night decided on a basis of 50 and 50 per cent.

G.T.R. station, and Lindsay-st. to

The committee also fare

The question of the width roadbed on Kent-st. was and it was decided to

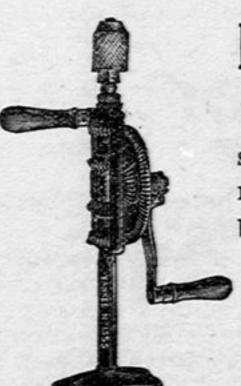
The committee was unsi

Surrounded With Roll

new women's ward at Kie

# Yankee Tools

The carpenter, who uses Yankee Tools, will vouch for their quality and reliability. The finest tools in the world.



### Drills Breast

This drill has two speeds, is double ratchet and is ball bearing.

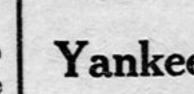
Price each

\$7.50



The New Screw Driver, with Spiral Ratchet Movement 3 Bits

Only \$2.25 each



# Yankee Push Braces

The state of the s

For Screws, Drills or Bits. This is one of the most convenient tools made.

Only each \$3.25



Automatic Drills, with 8 drill points

Only \$1.90



magazine handle for holding drill points. Price each

\$5.00

Double Ratchet,

HAX X

Spiral Ratchet Screw Driver as cut, \$2.50 each.

Other Nos, at \$2.00 each.

G. Edwards & Co.