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**Hartford Electric Light
Company.**
Light and power schedules

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LIGHT AND POWER SCHEDULES

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Hartford Electric Light Co.

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The Case, Lockwood & Brainard Co., Hartford

Light and Power Schedules

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HARTFORD ELECTRIC LIGHT CO.

266 Pearl Street

HARTFORD, CONN.

PHONE CHARTER 3330

1912

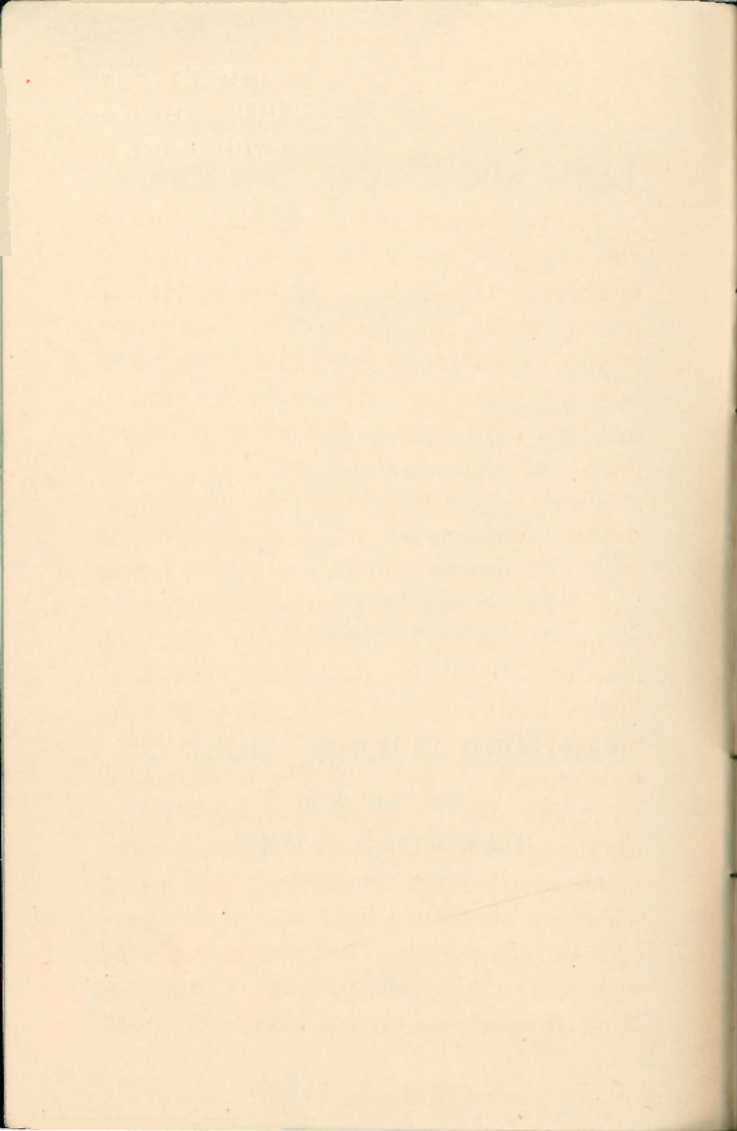
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FOREWORD

The purpose of the Company in issuing this synopsis of its rates, which become effective December 1, 1912, is to enable any person within the reach of its distribution system to determine for himself when and how the Company's service can be used to his best advantage. The rates as established are uniform to each and every customer operating under the same conditions. Recognition has been given to the facts as they appear in the cost of producing and delivering current and each consumer automatically obtains the rate to which he is entitled by his use of current, that is, as his use bears relation to the cost of producing and delivering current.

Inasmuch as it is cheaper to deliver a large amount of current to a single point, than to deliver the same amount to a large number of small customers, graduated scales for wholesale light and power have been introduced which offer lower rates for each succeeding block of power, thus enabling the user to earn a lower rate with

each succeeding increase in his consumption. In this way the large consumer is not burdened with more than his proper share of the cost, and on the other hand, the small consumer is benefited, as without the volume of business made possible by the sale of large blocks of energy, the present low maximum rate of nine cents (9¢) per kilowatt hour would not be possible.

It is also obvious, that on account of the large investment in generating and distributing apparatus, it is much more expensive per hour, to furnish light to a customer for a short period of time than for many hours. On this account, a schedule of discounts for long hours of use is offered, whereby, if light is desired for more than three or four hours per day, it is obtained at a much reduced figure.

It is hoped that the Company's customers will use these rates to their best advantage in obtaining the maximum of light for the minimum price, and it is the desire of the Company to co-operate and assist in every way possible, in order to give the customer as much as possible for his money. Present or prospective customers will at all times find the Company ready to explain the var-

ious schedules and assist in determining the one most advantageous to the customer's particular requirements.

Any application for advice in regard to the problem at hand, made to our Lighting or Contract Departments, will receive prompt attention.

HARTFORD ELECTRIC LIGHT COMPANY.

November 1, 1912.

LAMP RENEWALS.

1. — For Customers on Light Meter Schedules.

All standard carbon and metallized filament lamps will be renewed free when burned out lamps are returned with glass unbroken.

All tungsten lamps of 250 watts and over will be renewed free when burned out lamps are returned with glass unbroken, provided lamps are not installed where they are subjected to abnormal conditions.

All tungsten lamps of less than 250 watts will be charged for.

2. — For Customers on Flat Rate Residence Lighting Schedule.

Renewals of low voltage tungsten lamps will be furnished for ten cents (10¢) each, when burned out lamps are returned with glass unbroken.

SCHEDULE A.
RESIDENCE LIGHTING.

1. — On Meter.

Current for residence lighting will be furnished to customers signing contract embodying the Company's terms and conditions at the rate of nine cents (9¢) per k.w. hr. less 5% for 10 days cash payment.

2. — Flat Rate.

Customers may, at their option, sign a flat rate contract for not less than one year for low voltage tungsten lighting under the following schedule: —

- 10 — 10 c. p. lamps — \$1.00 per month. Each additional 10 c. p. lamp, 6¢ per month. Less 5% for 10 days cash payment.
- 10 — 20 c. p. lamps — \$1.50 per month. Each additional 20 c. p. lamp, 12¢ per month. Less 5% for 10 days cash payment.

SCHEDULE B.

WHOLESALE LIGHTING.

I. — On Meter.

Current for commercial lighting will be furnished customers signing contract embodying Company's terms and conditions, according to the following schedule: —

MONTHLY CONSUMPTION.

		Per k.w. hr.
For the first	500 k.w. hrs.	\$.09
For any part of next	1000 " "	.07
" " " " "	2500 " "	.04
" " " " "	6000 " "	.035
For all excess025

Under this contract, the following discounts from the gross bill for long burning hours will be allowed: —

35%	for over 350 hrs. use of installed load per mo.
30%	" " 280 " " " " " " " "
25%	" " 230 " " " " " " " "
20%	" " 195 " " " " " " " "
15%	" " 165 " " " " " " " "
10%	" " 140 " " " " " " " "
5%	" " 115 " " " " " " " "
2%	" " 100 " " " " " " " "

A further discount of 5% for 10 days cash payment will also be allowed.

EXAMPLES ILLUSTRATING THE USE OF
SCHEDULE B:—

The gross bill is obtained directly from the meter reading for the month. The hours of use is obtained by dividing this meter reading by the kilowatts of connected load, for instance:—

1. Assume the customer has 10 k.w. of incandescent lamps installed and that at the end of the month, his meter reads 1200 k.w. hrs. His gross bill is thus:—

500 k.w. hrs. at 9¢ per k.w. hr.	\$45.00	
700 k.w. hrs. at 7¢ per k.w. hr.	49.00	\$94.00

The discount figures:—

$$\frac{1200 \text{ k.w. hrs.}}{10 \text{ k.w.}} = 120 \text{ hours.}$$

From the discount table, it is seen that this customer is entitled to a discount of 5%, therefore, the net bill would be \$94 less 5% = \$89.30.

From this an additional 5% may be deducted for cash payment.

2. Assume the customer's requirements were such that twice as long hours of use were desired with the same 10 k.w. of installed load; meter reading would then be 2400 k.w. hrs. and the gross bill would be:—

500 hours at 9¢ per k.w. hr...	\$45.00	
1000 hours at 7¢ per k.w. hr...	70.00	
900 hours at 4¢ per k.w. hr...	<u>36.00</u>	\$151.00

The discount figures: —

$$\frac{2400 \text{ k. w. hrs.}}{10 \text{ k. w.}} = 240 \text{ hours} = \text{a discount of } 25\%$$

and the net bill is then \$151.00 less 25% = \$113.25.

From this an additional 5% may be deducted for cash payment.

2. — Flat Rate.

Flat Rate Contract based upon meter schedule and subject to revision at the expiration of one year will be given to customers desiring to contract for a definite number of hours' use of installed load. This rate will include lamp renewals up to a normal amount for the contracted hours of burning.

SCHEDULE C.

POWER.

Current for wholesale power purposes will be furnished to regular users of power upon signing contract embodying the Company's terms and conditions according to the following schedule: —

MONTHLY CONSUMPTION.

		Per k.w. hr.
For the first	500 k.w. hrs.	\$.045
For any part of next	1000 " "	.035
" " " " "	3500 " "	.0275
" " " " "	65000 " "	.015
For all excess013

These rates are for power only. Energy used directly or indirectly for lighting purposes must be metered separately, and billed at lighting rates, except that for any month when the energy used for power exceeds 90% of the total, the amount of energy used for lighting will be included with that for power, and the total billed at power rates.

SCHEDULE D.
NIGHT POWER.

Current Used for Power at Night.

In order to encourage the use of power at night, any customer contracting for energy under either the Power or Cooking Schedule, upon a guarantee of a minimum payment of \$20.00 per month, for their night power, will be allowed a discount of 40% on such a fraction of their total power as is used between the hours of 10 p. m. and 7 a. m.

The Company will install special meters for recording this power, without charge, provided the demand for such Night Power amounts to at least 10% of the total.

SCHEDULE E.

COOKING.

The Company will furnish energy for operating Cooking and Heating Apparatus to customers signing contract embodying the Company's terms and conditions at the rate of 3¢ per k.w. hr. on a guaranteed minimum payment of one dollar (\$1.00) per month. This schedule may be used in residences to include such other household appliances as flat-irons, cleaners, etc., as may be desired, in addition to the Cooking Apparatus contracted for.

SCHEDULE F.

AUXILIARY SERVICE.

The Company will maintain a service for supplying electric current as a reserve, auxiliary, or breakdown to a private generating plant, provided the customer guarantees a minimum monthly payment for this service of: —

\$3.00	per	k.w.	per	mo.	for	first	25	k.w.	contracted	for
\$2.00	"	"	"	"	"	next	75	"	"	"
\$1.50	"	"	"	"	"	"	100	"	"	"

Current will be delivered at customer's switchboard, and billed monthly, according to regular light or power schedules, subject to above minimum monthly payments.

No lamp renewals are supplied under this schedule.

SCHEDULE G.

SPECIAL APPLICATIONS.

In order to encourage novel uses of electric current, the Company is prepared to investigate any proposed installation, and to quote low experimental rates thereon, subject to revision at the expiration of one year's contract.

