

Commonwealth Edison Company

The Determination of Monthly Rental Charges for Meter-Related Facilities

EXAMPLE:

Determination of the Monthly Rental Charge for a Three Phase Watt-hour Meter:
Self-Contained Class 100 or 200

Formula for
Calculation

Investment:

Base Price (1)

Purchase Price w/ State Use Tax and Freight
(also includes a Common Indirect Cost adder of 7.7%) \$147.85

a

Initial Labor (2)

Includes purchase, initial shop test, and installation \$72.82

b

Installation Material (3)

(also includes a Common Indirect Cost adder of 7.7%)
None \$0.00

c

Shipping & Handling (4)

\$2.00

d

Total Investment

\$222.67

e=a+b+c+d

Service Life = 10 or 30 Years (5) 10

f

ALPCC with 10 years of Service Life (6) 0.1874

g

Annual Investment Cost \$41.72

h=e*g

Testing and Maintenance:

Test Cycle (Years) (7) 8

i

Cost per Test (8) \$101.02

j

Percent of Meters Tested 12.5%

k(%)= (1/i)*100

Annual Testing and Maintenance

\$12.63

l=j*k

Meter Reading:

Meter Reading

Annual Meter Reading Cost (9) \$12.48

m

MONTHLY RENTAL CHARGE CALCULATION

Investment

Base Price + Initial Labor + Installation Material + Shipping & Handling \$3.48

n=h/12

Testing and Maintenance

Periodic or Random Sample Test Charge \$1.05

o=l/12

Meter Reading and Accounting

Meter Reading and Accounting Charge \$1.04

p=m/12

MONTHLY RENTAL CHARGE (10)

\$5.57

q=n+o+p

* Notes for Page 1 of 7 are provided on Page 2 of 7 of this exhibit.

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Notes for Page 1 of 7:

- (1) Base Price is the amount shown in Column (C) for this meter-related facility on line 5 of page 3 of 7 of this exhibit, \$137.28, multiplied by 1.077 to account for common indirect costs.
- (2) Initial Labor is the amount shown in Column (D) for this meter-related facility on line 5 of page 3 of 7 of this exhibit.
- (3) Installation Material is the amount shown in Column (E) for this meter-related facility on line 5 of page 3 of 7 of this exhibit, \$0, multiplied by 1.077 to account for common indirect costs.
- (4) Shipping & Handling is the amount shown in Column (F) for this meter-related facility on line 5 of page 3 of 7 of this exhibit.
- (5) Service Life is the amount shown in Column (G) for this meter-related facility on line 5 of page 3 of 7 of this exhibit.
- (6) ALPCC with 10 years of Service Life is the Annual Levelized Premium of Carrying Charges for equipment with a 10 year service life.
- (7) Test Cycle (Years) is the amount shown in Column (H) for this meter-related facility on line 5 of page 3 of 7 of this exhibit.
- (8) Cost per Test is the amount shown in Column (I) for this meter-related facility on line 5 of page 3 of 7 of this exhibit.
- (9) Annual Meter Reading Cost is the amount shown in Column (J) for this meter-related facility on line 5 of page 3 of 7 of this exhibit.
- (10) Monthly Rental Charge for this meter-related facility, as computed, is shown in Column (K) on line 5 of page 3 of 7 of this exhibit.

Commonwealth Edison Company
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Line Number	Meter-Related Facilities	Base Price \$	Initial Labor \$	Installation Material (CT & PT only) \$	Shipping & Handling \$	Service Life 10yr/30yr	Test Cycle (Years)	Cost per Test \$	Annual Meter Reading \$	Monthly Rental \$
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
1	Single Phase Watt-hour Meter, Self-Contained Class 100 or 200	\$23.18	\$64.64	\$0.00	\$1.00	30	RANDOM	\$70.47	\$12.48	\$1.92
2	Single Phase Watt-hour Meter, Self-Contained Class 320	\$120.53	\$64.64	\$0.00	\$1.00	30	RANDOM	\$70.47	\$12.48	\$2.92
3	Single Phase Watt-hour Meter, Self-Contained 120/208 Volt Class 100 or 200	\$90.18	\$64.64	\$0.00	\$1.00	30	RANDOM	\$70.47	\$12.48	\$2.61
4	Single Phase Watt-hour Meter, Transformer Rated Class 10 or 20	\$71.06	\$137.11	\$0.00	\$2.00	10	8	\$194.32	\$12.48	\$6.43
5	Three Phase Watt-hour Meter, Self-Contained Class 100 or 200	\$137.28	\$72.82	\$0.00	\$2.00	10	8	\$101.02	\$12.48	\$5.57
6	Three Phase Watt-hour Meter, Transformer Rated Class 10 or 20	\$161.64	\$137.26	\$0.00	\$2.00	10	8	\$194.32	\$12.48	\$7.96
7	Three Phase Watt-hour Meter, Totalizing Class 10 for Two Circuits	\$2,334.18	\$140.85	\$0.00	\$2.00	10	8	\$194.32	\$12.48	\$44.55
8	Single Phase Watt-hour Meter with Mechanical or Electronic Demand Register, Self-Contained Class 100 or 200	\$112.70	\$64.64	\$0.00	\$2.00	10	8	\$70.47	\$12.48	\$4.71
9	Single Phase Watt-hour Meter with Mechanical or Electronic Demand Register, Self-Contained Class 320	\$210.05	\$64.64	\$0.00	\$2.00	10	8	\$70.47	\$12.48	\$6.35
10	Single Phase Watt-hour Meter with Mechanical or Electronic Demand Register, Self-Contained 120/208 Volt Class 100 or 200	\$179.70	\$64.64	\$0.00	\$2.00	10	8	\$70.47	\$12.48	\$5.84
11	Single Phase Watt-hour Meter with Mechanical or Electronic Demand Register, Transformer Rated Class 10 or 20	\$160.58	\$137.11	\$0.00	\$2.00	10	8	\$194.32	\$12.48	\$7.94
12	Three Phase Watt-hour Meter with Mechanical or Electronic Demand Register, Self-Contained Class 100 or 200	\$226.80	\$72.82	\$0.00	\$2.00	10	8	\$101.02	\$12.48	\$7.07
13	Three Phase Watt-hour Meter with Mechanical or Electronic Demand Register, Transformer Rated Class 10 or 20	\$251.16	\$137.26	\$0.00	\$2.00	10	8	\$194.32	\$12.48	\$9.46
14	Three Phase Watt-hour Meter with Mechanical or Electronic Demand Register, Totalizing Class 10 for Two Circuits	\$2,423.70	\$140.85	\$0.00	\$2.00	10	8	\$194.32	\$12.48	\$46.05
15	Single Phase Watt-hour Meter with Interval Demand Recording (IDR) Register, Self-Contained Class 100 or 200	\$184.24	\$64.64	\$0.00	\$2.00	10	8	\$70.47	\$73.08	\$10.96
16	Single Phase Watt-hour Meter with Interval Demand Recording (IDR) Register, Self-Contained Class 320	\$281.59	\$64.64	\$0.00	\$2.00	10	8	\$70.47	\$73.08	\$12.60
17	Single Phase Watt-hour Meter with Interval Demand Recording (IDR) Register, Self-Contained 120/208 Volt Class 100 or 200	\$251.24	\$64.64	\$0.00	\$2.00	10	8	\$70.47	\$73.08	\$12.09
18	Single Phase Watt-hour Meter with Interval Demand Recording (IDR) Register, Transformer Rated Class 10 or 20	\$232.12	\$137.11	\$0.00	\$2.00	10	8	\$194.32	\$73.08	\$14.19
19	Three Phase Watt-hour Meter with IDR Register, Self-Contained Class 100 or 200	\$298.34	\$72.82	\$0.00	\$2.00	10	8	\$101.02	\$73.08	\$13.33
20	Three Phase Watt-hour Meter with IDR Register, Transformer Rated Class 10 or 20	\$322.70	\$137.26	\$0.00	\$2.00	10	8	\$194.32	\$73.08	\$15.71
21	Three Phase Watt-hour Meter with IDR Register, Totalizing Class 10 for Two Circuits	\$2,495.24	\$140.85	\$0.00	\$2.00	10	8	\$194.32	\$73.08	\$52.30

Commonwealth Edison Company
The Determination of Monthly Rental Charges for Meter-Related Facilities

Line Number	Meter-Related Facilities	Base Price \$	Initial Labor \$	Installation Material (CT & PT only) \$	Shipping & Handling \$	Service Life 10yr/30yr	Test Cycle (Years)	Cost per Test \$	Annual Meter Reading \$	Monthly Rental \$
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
22	Automated Meter Reading (AMR) Meter, including Meter and Register, With Company Provided Cellular Telephone	\$1,008.00	\$239.90	\$0.00	\$2.00	10	8	\$125.11	\$153.36	\$34.81
23	Automated Meter Reading (AMR) Meter, including Meter and Register, With Company Provided Landline Telephone	\$1,008.00	\$228.61	\$0.00	\$2.00	10	8	\$125.11	\$321.36	\$48.63
24	Automated Meter Reading (AMR) Meter, including Meter and Register, With Internal Two-Way Paging	\$699.00	\$165.41	\$0.00	\$2.00	10	8	\$125.11	\$141.12	\$27.43
25	Automated Meter Reading (AMR) Meter, including Meter and Register, With Internal Modem (Customer Provided Telephone)	\$658.00	\$165.41	\$0.00	\$2.00	10	8	\$125.11	\$93.36	\$22.76
26	Automated Meter Reading (AMR) Meter, including Meter and Register, Remote Terminal Unit (RTU) Type with RTU Communication	\$2,500.00	\$289.30	\$0.00	\$2.00	10	8	\$131.52	\$93.36	\$55.74
27	Automated Meter Reading (AMR) Meter, including Meter and Register, Line Sharing Switch for Multiple Meter Telephone Communication Only	\$300.00	\$74.48	\$0.00	\$2.00	10	0	\$0.00	\$0.00	\$6.24
28	Automated Meter Reading (AMR) Meter, including Meter and Register, Power Quality Option Board Only	\$200.00	\$0.00	\$0.00	\$2.00	10	0	\$0.00	\$0.00	\$3.39
29	Associated devices, Pulse Output - Data and/or Time - Electronic Register	\$81.03	\$63.20	\$0.00	\$2.00	10	0	\$0.00	\$0.00	\$2.38
30	Associated Devices, Isolating Relay (Data) - Watt-hour Meter and/or Mechanical or Electronic Register	\$143.00	\$0.00	\$0.00	\$2.00	10	0	\$0.00	\$0.00	\$2.44
31	Associated Devices, Isolating Relay, (Data or Time) - IDR Register	\$150.00	\$0.00	\$0.00	\$2.00	10	0	\$0.00	\$0.00	\$2.55
32	Associated Devices, Isolating Relay, Multichannel (Data and Time) - IDR Register	\$143.00	\$0.00	\$0.00	\$2.00	10	0	\$0.00	\$0.00	\$2.44
33	Associated Devices, Auxiliary Relay - Three Pole for Watt-hour Meter Potential	\$234.00	\$66.51	\$0.00	\$2.00	10	0	\$0.00	\$0.00	\$5.00
34	Associated Devices, Auxiliary Relay - Two Pole for Demand Register Potential	\$97.66	\$66.51	\$0.00	\$2.00	10	0	\$0.00	\$0.00	\$2.71
35	Associated devices, 480-120 Volt Transformer - Demand Register Potential	\$59.40	\$74.48	\$0.00	\$2.00	30	0	\$0.00	\$0.00	\$1.34
36	Potential Transformer, 277 or 480 Volt	\$100.12	\$56.70	\$29.73	\$2.00	30	0	\$0.00	\$0.00	\$1.90
37	Potential Transformer, 2,400 or 4,200 Volt	\$325.88	\$101.28	\$29.73	\$2.00	30	0	\$0.00	\$0.00	\$4.64
38	Potential Transformer, 7,200 to 14,400 Volt	\$388.00	\$101.28	\$29.73	\$2.00	30	0	\$0.00	\$0.00	\$5.28
39	Potential Transformer, 34,000 Volt	\$3,052.00	\$101.28	\$33.50	\$2.00	30	0	\$0.00	\$0.00	\$32.71
40	Potential Transformer, 80,000 Volt	\$5,700.00	\$174.52	\$44.81	\$2.00	30	0	\$0.00	\$0.00	\$60.75
41	Potential Transformer, 207,000 Volt - Wire Wound	\$22,000.00	\$174.52	\$44.81	\$2.00	30	0	\$0.00	\$0.00	\$228.33

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
42	Potential Transformer, 207,000 Volt - Optically Coupled	\$32,000.00	\$174.52	\$0.00	\$2.00	30	0	\$0.00	\$0.00	\$330.68
43	Potential Transformer, 765,000 Volt - Wire Wound	\$81,000.00	\$174.52	\$44.81	\$2.00	30	0	\$0.00	\$0.00	\$834.92
44	Current Transformer, Indoor - 480 Volt and Under, Under 1200 Amps	\$35.98	\$56.70	\$19.11	\$2.00	30	0	\$0.00	\$0.00	\$1.13
45	Current Transformer, Indoor - 480 Volt and Under, 1,200 through 2,000 Amps	\$130.05	\$63.97	\$19.11	\$2.00	30	0	\$0.00	\$0.00	\$2.16
46	Current Transformer, Indoor - 480 Volt and Under, Over 2,000 Amps	\$186.00	\$63.97	\$19.11	\$2.00	30	0	\$0.00	\$0.00	\$2.74
47	Current Transformer, Indoor - Over 480 through 5,000 Volt Under 1200 Amps	\$177.00	\$101.28	\$22.71	\$2.00	30	0	\$0.00	\$0.00	\$3.04
48	Current Transformer, Indoor - Over 480 through 5,000 Volt 1,200 through 2,000 Amps	\$262.67	\$101.28	\$22.71	\$2.00	30	0	\$0.00	\$0.00	\$3.92
49	Current Transformer, Indoor - Over 480 through 5,000 Volt Over 2,000 Amps	\$362.00	\$101.28	\$22.71	\$2.00	30	0	\$0.00	\$0.00	\$4.94
50	Current Transformer, Indoor - Over 5,000 through 15,000 Volt, 1,200 Amps and Under	\$258.25	\$101.28	\$22.71	\$2.00	30	0	\$0.00	\$0.00	\$3.87
51	Current Transformer, Indoor - Over 5,000 through 15,000 Volt, Over 1,200 through 2,000 Amps	\$403.83	\$101.28	\$24.52	\$2.00	30	0	\$0.00	\$0.00	\$5.39
52	Current Transformer, Indoor - Over 5,000 through 15,000 Volt, Over 2,000 Amps	\$491.00	\$101.28	\$24.52	\$2.00	30	0	\$0.00	\$0.00	\$6.29
53	Current Transformer, Outdoor - 480 Volt and Under, 800 Amps and Under	\$362.67	\$63.97	\$19.11	\$2.00	30	0	\$0.00	\$0.00	\$4.55
54	Current Transformer, Outdoor - Over 480 through 5,000 Volt, 800 Amps and Under	\$362.67	\$101.28	\$26.32	\$2.00	30	0	\$0.00	\$0.00	\$4.99
55	Current Transformer, Outdoor - Over 480 through 5,000 Volt, Over 800 through 1,200 Amps	\$484.00	\$101.28	\$26.32	\$2.00	30	0	\$0.00	\$0.00	\$6.23
56	Current Transformer, Outdoor - Over 480 through 5,000 Volt, Over 1,200 through 2,000 Amps	\$642.00	\$101.28	\$26.32	\$2.00	30	0	\$0.00	\$0.00	\$7.86

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
57	Current Transformer, Outdoor - Over 480 through 5,000 Volt, Over 2,000 Amps	\$669.00	\$101.28	\$26.32	\$2.00	30	0	\$0.00	\$0.00	\$8.13
58	Current Transformer, Outdoor - Over 5,000 through 15,000 Volt, 800 Amps and Under	\$424.02	\$101.28	\$28.12	\$2.00	30	0	\$0.00	\$0.00	\$5.63
59	Current Transformer, Outdoor - Over 5,000 through 15,000 Volt, Over 800 through 1,200 Amps	\$642.00	\$101.28	\$28.12	\$2.00	30	0	\$0.00	\$0.00	\$7.88
60	Current Transformer, Outdoor - Over 5,000 through 15,000 Volt, Over 1,200 through 2,000 Amps	\$727.60	\$101.28	\$28.12	\$2.00	30	0	\$0.00	\$0.00	\$8.76
61	Current Transformer, Outdoor - Over 5,000 through 15,000 Volt, Over 2,000 Amps	\$1,141.72	\$101.28	\$28.12	\$2.00	30	0	\$0.00	\$0.00	\$13.01
62	Current Transformer, Outdoor - 34,000 Volt, 800 Amps and Under	\$3,344.39	\$101.28	\$28.12	\$2.00	30	0	\$0.00	\$0.00	\$35.66
63	Current Transformer, Outdoor - 34,000 Volt, Over 800 through 1,200 Amps	\$4,150.00	\$101.28	\$28.12	\$2.00	30	0	\$0.00	\$0.00	\$43.94
64	Current Transformer, Outdoor - 34,000 Volt, Over 1,200 Amps	\$5,100.00	\$101.28	\$28.12	\$2.00	30	0	\$0.00	\$0.00	\$53.71
65	Current Transformer, Outdoor - 138,000 Volt - Wire Wound, 1,200 Amps and Under	\$5,500.00	\$174.52	\$35.34	\$2.00	30	0	\$0.00	\$0.00	\$58.59
66	Current Transformer, Outdoor - 138,000 Volt - Wire Wound, Over 1,200 Amps	\$5,200.00	\$174.52	\$35.34	\$2.00	30	0	\$0.00	\$0.00	\$55.51
67	Current Transformer, Outdoor - 345,000 Volt - Wire Wound, All Amp Capacities	\$13,550.00	\$174.52	\$35.34	\$2.00	30	0	\$0.00	\$0.00	\$141.36
68	Current Transformer, Outdoor - 345,000 Volt - Optically Coupled, 800 Amps and Under	\$13,550.00	\$174.52	\$0.00	\$2.00	30	0	\$0.00	\$0.00	\$140.99
69	Current Transformer, Outdoor - 345,000 Volt - Optically Coupled, Over 800 Amps	\$13,300.00	\$174.52	\$0.00	\$2.00	30	0	\$0.00	\$0.00	\$138.42
70	Current Transformer, Outdoor - 765,000 Volt - Wire Wound, All Amp Capacities	\$80,250.00	\$174.52	\$53.00	\$2.00	30	0	\$0.00	\$0.00	\$827.29

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
71	Current Transformer / Potential Transformer Combination Unit, Outdoor - 138,000 Volt, 800 Amps and Under	\$11,427.60	\$174.52	\$97.81	\$2.00	30	0	\$0.00	\$0.00	\$120.18
72	Current Transformer / Potential Transformer Combination Unit, Outdoor - 138,000 Volt, Over 800 through 2,000 Amps	\$11,209.32	\$174.52	\$97.81	\$2.00	30	0	\$0.00	\$0.00	\$117.94
73	Current Transformer / Potential Transformer Combination Unit, Outdoor - 138,000 Volt, Over 2,000 Amps	\$10,680.00	\$174.52	\$97.81	\$2.00	30	0	\$0.00	\$0.00	\$112.49
74	Current Transformer / Potential Transformer Combination Unit, Outdoor - 345,000 Volt, 800 Amps and Under	\$38,734.38	\$174.52	\$97.81	\$2.00	30	0	\$0.00	\$0.00	\$400.92
75	Current Transformer / Potential Transformer Combination Unit, Outdoor - 345,000 Volt, Over 800 through 2,000 Amps	\$39,590.00	\$174.52	\$97.81	\$2.00	30	0	\$0.00	\$0.00	\$409.72
76	Current Transformer / Potential Transformer Combination Unit, Outdoor - 345,000 Volt, Over 2,000 Amps	\$35,000.00	\$174.52	\$97.81	\$2.00	30	0	\$0.00	\$0.00	\$362.53
77	Current Transformer / Potential Transformer Combination Unit, Outdoor High Accuracy - 138,000 Volt, 400:5 Amp	\$12,711.60	\$174.52	\$97.81	\$2.00	30	0	\$0.00	\$0.00	\$133.38
78	Current Transformer / Potential Transformer Combination Unit, Outdoor High Accuracy - 138,000 Volt, 500:5 Amp	\$11,880.00	\$174.52	\$97.81	\$2.00	30	0	\$0.00	\$0.00	\$124.83
79	Current Transformer / Potential Transformer Combination Unit, Outdoor High Accuracy - 138,000 Volt, 1,000:5 Amp	\$12,280.00	\$174.52	\$97.81	\$2.00	30	0	\$0.00	\$0.00	\$128.94