

**Ameren Illinois Company d/b/a Ameren Illinois**  
**ESTIMATED CHARGES ASSOCIATED WITH LIGHTING SERVICE**

January 2022 - December 2022

		<u>Nominal</u> <u>Wattage</u> <u>Rating</u>	<u>Lumen</u> <u>Rating</u>	<u>Ballast</u> <u>Losses</u>	<u>Annual</u> <u>kWh</u>	<u>Monthly</u> <u>Average</u> <u>kWh (3)</u>	<u>Annual</u>			<u>Monthly (Annual/12, rounding may</u>		
							<u>Fixture</u> <u>Charge</u>	<u>Total Variable</u> <u>Charge (2)</u>	<u>Estimated</u> <u>Total</u>	<u>Fixture</u> <u>Charge</u>	<u>Total Variable</u> <u>Charge (2)</u>	<u>Estimated</u> <u>Total</u>
<b><u>Currently Available Lighting Services (1)</u></b>												
<b><u>Light Emitting Diode (LED)</u></b>												
<b><u>Area LED Lighting</u></b>												
AIC	LED 10	39	4,470		156	13	\$43.92	\$8.90	\$52.82	\$3.66	\$0.74	\$4.40
AIC	LED 25	107	11,960		428	36	\$54.84	\$24.41	\$79.25	\$4.57	\$2.03	\$6.60
AIC	LED 40	190	20,400		760	63	\$62.88	\$43.35	\$106.23	\$5.24	\$3.61	\$8.85
<b><u>Directional LED Lighting</u></b>												
AIC	LED 25	98	12,600		392	33	\$52.20	\$22.36	\$74.56	\$4.35	\$1.86	\$6.21
AIC	LED 40	150	18,200		600	50	\$62.16	\$34.23	\$96.39	\$5.18	\$2.85	\$8.03
AIC	LED X1	297	36,600		1,188	99	\$62.16	\$67.77	\$129.93	\$5.18	\$5.65	\$10.83
<b><u>Decorative Lighting</u></b>												
AIC	LED 10/Sodium Vapor	60	9,800		240	20	\$53.28	\$13.69	\$66.97	\$4.44	\$1.14	\$5.58
AIC	LED 10/Metal Halide	60	12,900		240	20	\$63.12	\$13.69	\$76.81	\$5.26	\$1.14	\$6.40
Note: AIC plans to replace all of its existing area, directional and decorative fixtures at the time that any component (including bulbs or photocells) fails to LED. LED will also be installed in new construction.												
<b><u>Lighting Fixtures Not Available to New Installations (4)</u></b>												
<b><u>High-intensity Discharge (HID)</u></b>												
<b><u>Sodium Vapor</u></b>												
RZII	Area	70	6,000	84	336	28	\$43.92	\$19.17	\$63.09	\$3.66	\$1.60	\$5.26
AIC		100	9,800	126	504	42	\$43.92	\$28.75	\$72.67	\$3.66	\$2.40	\$6.06
RZII, RZIII		150	16,000	182	728	61	\$43.92	\$41.53	\$85.45	\$3.66	\$3.46	\$7.12
AIC		250	29,000	300	1,200	100	\$54.84	\$68.45	\$123.29	\$4.57	\$5.70	\$10.27
RZI		400	50,000	470	1,880	157	\$62.88	\$107.24	\$170.12	\$5.24	\$8.94	\$14.18
RZII		1,000	130,000	1,105	4,420	368	\$62.88	\$252.14	\$315.02	\$5.24	\$21.01	\$26.25
AIC	Directional	250	29,000	300	1,200	100	\$52.20	\$68.45	\$120.65	\$4.35	\$5.70	\$10.05
AIC		400	50,000	470	1,880	157	\$62.16	\$107.24	\$169.40	\$5.18	\$8.94	\$14.12
AIC	Decorative	100	9,800	126	504	42	\$53.28	\$28.75	\$82.03	\$4.44	\$2.40	\$6.84
<b><u>Metal Halide</u></b>												
AIC	Area	250	22,000	294	1,176	98	\$54.84	\$67.08	\$121.92	\$4.57	\$5.59	\$10.16
AIC		400	36,000	450	1,800	150	\$62.88	\$102.68	\$165.56	\$5.24	\$8.56	\$13.80
RZI , RZIII		1,000	110,000	1,077	4,308	359	\$62.88	\$245.75	\$308.63	\$5.24	\$20.48	\$25.72
AIC	Directional	250	22,000	294	1,176	98	\$52.20	\$67.08	\$119.28	\$4.35	\$5.59	\$9.94
AIC		400	36,000	450	1,800	150	\$62.16	\$102.68	\$164.84	\$5.18	\$8.56	\$13.74
RZI		1,000	110,000	1,077	4,308	359	\$62.16	\$245.75	\$307.91	\$5.18	\$20.48	\$25.66

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		<u>Nominal</u>				<u>Monthly</u>	<u>Estimated</u>		<u>Estimated</u>			
<u>Wattage</u>	<u>Lumen</u>	<u>Rating</u>	<u>Rating</u>	<u>Ballast</u>	<u>Annual</u>	<u>Average</u>	<u>Fixture</u>	<u>Total Variable</u>	<u>Estimated</u>	<u>Fixture</u>	<u>Total Variable</u>	<u>Estimated</u>
				<u>Losses</u>	<u>kWh</u>	<u>kWh (3)</u>	<u>Charge</u>	<u>Charge (2)</u>	<u>Total</u>	<u>Charge</u>	<u>Charge (2)</u>	<u>Total</u>
AIC	Decorative	150	12,900	193	772	64	\$63.12	\$44.04	\$107.16	\$5.26	\$3.67	\$8.93
AIC		175	14,400	206	824	69	\$63.12	\$47.00	\$110.12	\$5.26	\$3.92	\$9.18

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		<u>Wattage</u>	<u>Lumen</u>	<u>Ballast</u>	<u>Annual</u>	<u>Average</u>	<u>Fixture</u>	<u>Total Variable</u>	<u>Estimated</u>	<u>Fixture</u>	<u>Total Variable</u>	<u>Estimated</u>
	<u>Rating</u>	<u>Rating</u>	<u>Losses</u>	<u>kWh</u>	<u>kWh (3)</u>	<u>Charge</u>	<u>Charge (2)</u>	<u>Total</u>	<u>Charge</u>	<u>Charge (2)</u>	<u>Total</u>	
<b><u>Lighting Fixtures Not Available to New Installations (4) (cont.)</u></b>												
<b><u>Mercury Vapor</u></b>												
RZI, RZII	Area	100	4,100	111	444	37	\$43.92	\$25.33	\$69.25	\$3.66	\$2.11	\$5.77
AIC		175	8,400	196	784	65	\$43.92	\$44.72	\$88.64	\$3.66	\$3.73	\$7.39
RZII, RZIII		250	12,500	294	1,176	98	\$43.92	\$67.08	\$111.00	\$3.66	\$5.59	\$9.25
AIC		400	23,000	450	1,800	150	\$54.84	\$102.68	\$157.52	\$4.57	\$8.56	\$13.13
RZII, RZIII		700	42,000	780	3,120	260	\$54.84	\$177.98	\$232.82	\$4.57	\$14.83	\$19.40
AIC		1,000	58,000	1,095	4,380	365	\$62.88	\$249.85	\$312.73	\$5.24	\$20.82	\$26.06
RZI	Directional	400	23,000	450	1,800	150	\$52.20	\$102.68	\$154.88	\$4.35	\$8.56	\$12.91
RZI		1,000	58,000	1,095	4,380	365	\$62.16	\$249.85	\$312.01	\$5.18	\$20.82	\$26.00
RZI	Decorative	175	8,400	196	784	65	\$53.28	\$44.72	\$98.00	\$4.44	\$3.73	\$8.17
<b><u>Incandescent</u></b>												
RZII	Area	92	1,000	92	368	31	\$43.92	\$20.99	\$64.91	\$3.66	\$1.75	\$5.41
RZIII		103	1,000	103	412	34	\$43.92	\$23.50	\$67.42	\$3.66	\$1.96	\$5.62
RZII		133	1,000	133	532	44	\$43.92	\$30.35	\$74.27	\$3.66	\$2.53	\$6.19
RZII, RZIII		189	2,500	189	756	63	\$43.92	\$43.13	\$87.05	\$3.66	\$3.59	\$7.25
RZIII		202	2,500	202	808	67	\$43.92	\$46.09	\$90.01	\$3.66	\$3.84	\$7.50
RZII, RZIII		295	4,000	295	1,180	98	\$43.92	\$67.31	\$111.23	\$3.66	\$5.61	\$9.27
RZIII		327	4,500	327	1,308	109	\$43.92	\$74.61	\$118.53	\$3.66	\$6.22	\$9.88
RZII, RZIII		405	6,000	405	1,620	135	\$43.92	\$92.41	\$136.33	\$3.66	\$7.70	\$11.36
RZIII		448	6,500	448	1,792	149	\$43.92	\$102.22	\$146.14	\$3.66	\$8.52	\$12.18
RZIII		620	10,000	620	2,480	207	\$43.92	\$141.47	\$185.39	\$3.66	\$11.79	\$15.45
RZIII		690	10,500	690	2,760	230	\$43.92	\$157.44	\$201.36	\$3.66	\$13.12	\$16.78

Notes:

- (1) Prior to January 2, 2007, the Lighting Tariffs contained separate categories and charges for Street and Protective Lighting and separate charges between residential and non-residential. Effective January 2, 2007, prices are the same regardless of prior category. Starting in June 2017, LED Lighting will be installed on a replace-fail method.
- (2) Variable charges include Energy Charge, Distribution Delivery Charge, Energy Distribution Tax and Rider TS Charge.
- (3) Monthly kWh is based on an average yearly kWh. Actual kWh may vary monthly depending on the month.
- (4) Customers taking service under Mercury Vapor and certain Metal Halide lighting service prior to January 2, 2007, shall be allowed to continue operation until the fixtures require major maintenance. Mapping of the old fixture to the new fixture can be found in the Rate DS-5 - Lighting Service tariff.
- (5) The fixture charge is based on the price for the replacement fixture.
- (6) Variable charges are based on kWh consumption of existing fixture.