

CONFIDENTIAL PROPRIETARY TRADE SECRET

# Useful Life Assumptions for LFCR Selection

<b>Equipment Type</b>	<b>Life Assumption</b>
Fixtures	15
Poles	30
Brackets	30
Shrouds	30
Foundations	30
Wiring	30
Shields	30

CONFIDENTIAL PROPRIETARY TRADE SECRET

Duke Energy Kentucky  
 Monthly Rate for New LED Equipment  
 Confidential Attachment BLS-3

	Lumens	Watts	kWh	Fixture Cost	PE Cost	Ancillary Cost	Cost	Minor	Stores,	Total	Crew	Set Up	Fleet	Design &	Mgmt &	Total	Total	Monthly			
								Materials	Freight,	Cost w/	Hourly						Material		Rate w/	Labor	Overheads
-								5.76%	11.00%		\$82.14								13.41%		
<u>New Fixtures</u>																					
	Operand	CU Name (1)		Fixtures (New to Tariff)																	
New	LG30	LFIX-ACG-LED-30-BLK-III-3000K-M		Acorn Granville	4100	30	10.4				\$82.14	0.5	\$41.07	0.5	\$41.07	\$0.00	\$13.47	\$20.04	<b>\$115.65</b>		\$11.75
New	L10STBB	LFIX-STYB-30W-BLK-V-3000K-LBOLL-M		Style B Bollard	2390	30	10.4				\$82.14	2.5	\$205.35	0.5	\$41.07	\$0.00	\$40.41	\$60.13	<b>\$346.96</b>		\$15.31
New	L10.4STCB	LFIX-STYC-30W-BLK-V-3000K-LBOLL-M		Style C Bollard	2146	30	10.4				\$82.14	2.5	\$205.35	0.5	\$41.07	\$0.00	\$40.41	\$60.13	<b>\$346.96</b>		\$15.31
New	L104STBL5	LFIX-STYD-30W-BLK-V-3000K-LBOLL-M		Style D Bollard	2390	30	10.4				\$82.14	2.5	\$205.35	0.5	\$41.07	\$0.00	\$40.41	\$60.13	<b>\$346.96</b>		\$15.31
New	L10.4STEB	LFIX-STYE-30W-BLK-V-3000K-LBOLL-M		Style E Bollard	1200	30	10.4				\$82.14	2.5	\$205.35	0.5	\$41.07	\$0.00	\$40.41	\$60.13	<b>\$346.96</b>		\$15.31
New	L40COLB	LFIX-COL-40W-BLK-V-3000K-LBOLL-M		Colonial Bollard	1107	40	13.9				\$82.14	3	\$246.42	0.5	\$41.07	\$0.00	\$47.15	\$70.15	<b>\$404.79</b>		\$19.48
New	L40WASB	LFIX-WASH-40W-BLK-V-3000K-LBOLL-M		Washington Bollard	1107	40	13.9				\$82.14	3	\$246.42	0.5	\$41.07	\$0.00	\$47.15	\$70.15	<b>\$404.79</b>		\$19.48
New	LHOLRR	LPOLE-RECPT-HDAY-RISER-GRAY-M		Holiday Riser Receptacle	NA	26	9.0				\$82.14	0.5	\$41.07	0.5	\$41.07	\$0.00	\$13.47	\$20.04	<b>\$115.65</b>		\$4.21
New	LHOLBR	LPOLE-RECPT-HDAY-BRKT-TOP-BLK-M		Holiday Bracket Top Receptacle	NA	26	9.0				\$82.14	0.5	\$41.07	0.5	\$41.07	\$0.00	\$13.47	\$20.04	<b>\$115.65</b>		\$4.96
New	LHOLFR	LPOLE-RECPT-HDAY-FESTOON-BLK-M		Holiday Festoon Receptacle	NA	26	9.0				\$82.14	0.5	\$41.07	0.5	\$41.07	\$0.00	\$13.47	\$20.04	<b>\$115.65</b>		\$5.85
New	LHOLPTR	LPOLE-RECPT-HDAY-PT-BLK-M		Holiday Post Top Receptacle	NA	26	9.0				\$82.14	0.5	\$41.07	0.5	\$41.07	\$0.00	\$13.47	\$20.04	<b>\$115.65</b>		\$5.32
New	LHOLPTAR	LPOLE-RECPT-HDAY-PT-RING-BLK-M		Holiday Post Top with Adapter Receptacle	NA	26	9.0				\$82.14	0.5	\$41.07	0.5	\$41.07	\$0.00	\$13.47	\$20.04	<b>\$115.65</b>		\$5.91
New	LDUPTR	LPOLE-RECPT-DUAL-PT-BLK-M		Dual Post Top Receptacle	NA	26	9.0				\$82.14	0.5	\$41.07	0.5	\$41.07	\$0.00	\$13.47	\$20.04	<b>\$115.65</b>		\$6.94
New	LDUPTAR	LPOLE-RECPT-DUAL-PT-RING-BLK-M		Dual Post Top with Adapter Receptacle	NA	26	9.0				\$82.14	0.5	\$41.07	0.5	\$41.07	\$0.00	\$13.47	\$20.04	<b>\$115.65</b>		\$7.53
New	LDUBR	LPOLE-RECPT-DUAL-BRKT-TOP-BLK-M		Dual Bracket Top Receptacle	NA	26	9.0				\$82.14	0.5	\$41.07	0.5	\$41.07	\$0.00	\$13.47	\$20.04	<b>\$115.65</b>		\$6.94
New	LSE50	LFIX-SEN-LED-50-BLK-IV-3000K-M		Senoia	4525	50	17.3				\$82.14	0.5	\$41.07	0.5	\$41.07	\$0.00	\$13.47	\$20.04	<b>\$115.65</b>		\$15.68
New	LHA50	LFIX-HALO-LED-50-BLK-IV-3000K-M		Halo	4809	50	17.3				\$82.14	0.5	\$41.07	0.5	\$41.07	\$0.00	\$13.47	\$20.04	<b>\$115.65</b>		\$17.64
New	LRDW030	LFIX-RW-LED-30-BLK-III-3000K-M		Roadway (Standard)	3720	30	10.4				\$82.14	0.7	\$57.50	0.5	\$41.07	\$0.00	\$16.17	\$24.05	<b>\$138.78</b>		\$3.17
New	LRDW040	LFIX-RW-LED-40-BLK-III-3000K-M		Roadway (Standard)	4506	40	13.9				\$82.14	0.7	\$57.50	0.5	\$41.07	\$0.00	\$16.17	\$24.05	<b>\$138.78</b>		\$3.18
New	L30OB3KH	LFIX-OBTM-LED-30-GRAY-III-3000K-M		Open Bottom	4510	30	10.4				\$82.14	0.7	\$57.50	0.5	\$41.07	\$0.00	\$16.17	\$24.05	<b>\$138.78</b>		\$3.06

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**Duke Energy Kentucky  
 Monthly Rate for New LED Equipment  
 Confidential Attachment BLS-3**

<u>Order</u>	<u>Operands</u>	<u>Shields (New to Tariff)</u>	<u>Style</u>	<u>Cost</u>	<u>Minor Materials Adder</u>	<u>Stores, Freight, Handling</u>	<u>Total Cost w/ Material</u>	<u>Crew Hourly Rate w/ Burden</u>	<u>Labor</u>	<u>Set Up Overheads</u>	<u>Fleet Indirect Adder</u>	<u>Design &amp; Project Adder</u>	<u>Mgmt &amp; Supervisn Adder</u>	<u>Total Labor</u>	<u>Total Labor, Material &amp; Overhead</u>	<u>Monthly Rate</u>	
					5.76%	11.00%		\$82.14			0.00%	16.40%	24.40%			<u>10.74%</u>	
NEW	1	TBD	Standard					\$82.14	0.87	\$71.46	0.5	\$41.07	\$0.00	\$18.46	\$27.46	\$158.44	\$1.83
NEW	2	TBD	Decorative					\$82.14	0.87	\$71.46	0.5	\$41.07	\$0.00	\$18.46	\$27.46	\$158.44	\$1.71

**CONFIDENTIAL PROPRIETARY TRADE SECRET**

**Duke Energy Kentucky  
 Case No. 2024-00354  
 Calculation of Electric Non-Remote Reconnection Fees  
 Confidential Attachment BLS-4**

**Duke Energy Kentucky  
 Case No. 2024-00354  
 Calculation of Electric Remote Reconnection Fees  
 Confidential Attachment BLS-4**

Base Labor		\$45.60	
Unproductive Incentives	25.0%	\$11.40	Loads on Base - direct labor
	<u>11.0%</u>	<u>\$6.27</u>	Loads on Base plus Unprod
Subtotal		\$17.67	
Fringses	25.6%		
Payroll Tax	<u>7.5%</u>		
Subtotal	33.1%	\$20.94	Loads on Base plus Unprod plus incentive
Loaded Labor		\$84.21	
Fleet	30.0%	\$25.26	Load on Loaded Labor
Indirects	24.4%	\$20.55	Load on Loaded Labor
Engineering	16.4%	\$13.81	Load on Loaded Labor
<b>Total Cost Per Hour</b>		<b>\$143.83</b>	

	Vendor	Duke
<b>Cost/min Breakdown</b>		
Base rate/min		\$ 1.14
Shrinkage (includes training)		
Overtime		
Supervision/Administration		
Management		\$ 0.09
Other		\$ 0.05
<b>Total cost/min</b>		<b>\$ 1.28</b>
Percent of DNP calls handled by group	64%	36%
AHT in secs for a DNP call	385	454

**Cost per call - Loaded**      \$ 9.65  
**\$ 6.50**

	<u>Approximate Hours</u>	Cost	Propose
Electric Non-Remote Reconnection	0.23	\$5.80	<b>\$ 5.80</b>
Pole Reconnection	0.66	\$16.56	<b>\$ 16.50</b>
Non-Remote After Hours			eliminate
Pole Reconnection After Hours			eliminate

**Duke Energy Kentucky**  
**Case No. 2024-00354**  
**STAFF First Set Data Requests**  
**Date Received: November 22, 2024**

**STAFF-DR-01-055**

**REQUEST:**

To the extent not already provided, provide all workpapers, calculations, and assumptions Duke Kentucky used to develop its forecasted test period financial information in Excel spreadsheet format with all formulas, columns, and rows unprotected and fully accessible.

**RESPONSE:**

Refer to FR 16(7)(c) in the Company's Application in this proceeding for the assumptions used to develop the forecasted test period financial information [Vol. 1, Tab 23].

Refer to Volume 13 of Duke Energy Kentucky's Application in this proceeding for the work papers used to develop its forecasted test period financial information.

**PERSON RESPONSIBLE:**

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Grady "Tripp" S. Carpenter  
Sharif S. Mitchell