### BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of The	)	
Dayton Power and Light Company to Update	)	Case No. 10-89-EL-RDR
its Alternative Energy Rider.	)	

### THE DAYTON POWER AND LIGHT COMPANY'S NOTICE OF FILING REVISED SCHEDULES, WORKPAPERS, AND PROPOSED TARIFF

The Dayton Power and Light Company ("DP&L" or "the Company") hereby gives notice of filing revised Schedules, Workpapers, and proposed Tariff in support of its application in this matter. After filing its original application in this docket, DP&L identified several improvements in methodology and presentation that could be made. This revised filing is intended to replace the original filing in its entirety. The amendments are outlined as follows:

- 1. Included detail from the Workpapers in Schedule C-1, thus eliminating Workpaper C-1a and Workpaper C-1b, and corrected an erroneous link;
- 2. Reflected the Commission's approval of DP&L Force Majeure request that was approved in case number 09-1989-EL-ACP. Therefore the number of RECs used to meet 2009 and 2010 targets were adjusted, impacting both 2009 and 2010 Ohio Solar REC costs;
- 3. Revised Schedule D-1 with regard to affiliate cost and REC allocations. Any RECs or renewable energy generated by DP&L will be assigned to DP&L. Likewise any RECs or renewable energy generated by DPLER will be assigned to DPLER. However, DP&L will continue to purchase RECs on behalf of its affiliate. When RECs are purchased, they are assigned to DP&L or DPLER proportionally, based on the expected need of each entity. Each entity will have its own inventory of RECs;

4. Updated Schedule D-1 to include costs and revenues through April 2010, and detailed the project expenses by appropriate cost categories;

5. Revised Schedule C-1 to include projected costs for the period August 2010 through July 2011, and detailed the project expenses by appropriate cost categories;

6. Updated the projected kWh sales for the period August 2010 through July 2011;

7. Revised all other Schedules impacted by the changes listed above;

8. DP&L proposed that the AER true-up be filed by June 1 each year, with a true-up of costs through April, and a forecast period of August current year through July next year.

DP&L understands this may be an aggressive schedule for this first true-up, but wants to maintain the forecast period for future true-ups.

Respectfully submitted,

Randall V. Griffin (0080499)

Judi L. Sobecki (0067/186)

The Dayton Power and Light Company

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Email: randall.griffin@dplinc.com judi.sobecki@dplinc.com

Attorneys for The Dayton Power and Light Company

### THE DAYTON POWER AND LIGHT COMPANY CASE NO. 10-89-EL-RDR

**Alternative Energy Rider (AER)** 

## Schedule A-1 Current Tariffs

Twenty-Seventh Revised Sheet No. G2 Cancels Twenty-Sixth Revised Sheet No. G2 Page 1 of 2

#### P.U.C.O. No. 17 ELECTRIC GENERATION SERVICE TARIFF INDEX

Sheet No.	<u>Version</u>	Description	Number of Pages	Tariff Sheet Effective Date
G1	Fifth Revised	Table of Contents	1	January 1, 2010
G2	Twenty-Seventh Revised	Tariff Index	2	June 1, 2010
RULES A	ND REGULATIONS			
G3	Original	Application and Contract for Service	3	January 1, 2001
G4	First Revised	Credit Requirements of Customer	1	November 1, 2002
G5	First Revised	Billing and Payment for Electric Service	2	August 16, 2004
G6	Original	Use and Character of Service	1	January 1, 2001
G7	First Revised	Definitions and Amendments	4	August 16, 2004
ALTERNA	ATE GENERATION SUPPL	<u>IER</u>		
G8	Sixth Revised	Alternate Generation Supplier Coordinatio	on 33	January 1, 2006
<b>G</b> 9	Second Revised	Competitive Retail Generation Service	4	June 30, 2009
<u>TARIFFS</u>				
G10	Eleventh Revised	Standard Offer Residential	2	January 1, 2010
G11	Eleventh Revised	Standard Offer Residential Heating	3	January 1, 2010
G12	Eighteenth Revised	Standard Offer Secondary	4	May 1, 2010
G13	Eighteenth Revised	Standard Offer Primary	3	May 1, 2010
G14	Eighth Revised	Standard Offer Primary-Substation	3	January 1, 2010
G15	Eighth Revised	Standard Offer High Voltage	3	January 1, 2010
G16	Ninth Revised	Standard Offer Private Outdoor Lighting	3	May 1, 2010
G17	Eighth Revised	Standard Offer School	2	January 1, 2010
G18	Eighth Revised	Standard Offer Street Lighting	4	January 1, 2010
G19	Third Revised	Reserved	1	June 1, 2009
G20	First Revised	Reserved	1	November 1, 2002
G21	Original	Cogeneration	3	January 1, 2001
G23	Original	Adjustable Rate	1	January 1, 2001

Filed pursuant to the Opinion and Order in Case No. 09-1012-EL-FAC dated December 16, 2009 of the Public Utilities Commission of Ohio.

Issued May 28, 2010 Effective June 1, 2010

Twenty-Seventh Revised Sheet No. G2 Cancels Twenty-Sixth Revised Sheet No. G2 Page 2 of 2

#### P.U.C.O. No. 17 ELECTRIC GENERATION SERVICE TARIFF INDEX

Sheet No.	Version	<u>Description</u>	Number of Pages	Tariff Sheet Effective Date
<u>RIDERS</u>				
G22	Eighth Revised	Shopping Credit	2	May 1, 2010
G24	Fourth Revised	Environmental Investment Rider	3	May 1, 2010
G25	Second Revised	Rate Stabilization Charge	2	May 1, 2010
G26	First Revised	Alternative Energy Rider	1	May 1, 2010
G27	First Revised	PJM RPM Rider	2	May 1, 2010
G28	Third Revised	FUEL Rider	1	June 1, 2010

Filed pursuant to the Opinion and Order in Case No. 09-1012-EL-FAC dated December 16, 2009 of the Public Utilities Commission of Ohio.

Issued May 28, 2010 Effective June 1, 2010

First Revised Sheet No. G26 Cancels Original Sheet No. G26 Page 1 of 1

#### P.U.C.O. No. 17 ELECTRIC GENERATION SERVICE ALTERNATIVE ENERGY RIDER

#### **DESCRIPTION:**

The Alternative Energy Rider (AER) is intended to compensate the Dayton Power and Light Company for advanced generation plant investments and compliance costs realized in meeting the renewable portfolio standards prescribed by Section 4928.64 of the Ohio Revised Code.

#### APPLICABLE:

This rider will be assessed on a service rendered basis beginning June 30, 2009 on all energy provided under the Electric Generation Service Tariff Sheets G10-18 based on the following rate.

#### CHARGES:

#### All Customers

Energy Charge (All kWh) \$0.0001146 / kWh

#### **Private Outdoor Lighting**

- tutte o uttero os angeles		
9,500 Lumens High Pressure Sodium	\$0.0044694	/lamp/month
28,000 Lumens High Pressure Sod	\$0.0110016	/lamp/month
7,000 Lumens Mercury	\$0.0085950	/lamp/month
21,000 Lumens Mercury	\$0.0176484	/lamp/month
2,500 Lumens Incandescent	\$0.0073344	/lamp/month
7,000 Lumens Fluorescent	\$0.0075636	/lamp/month
4,000 Lumens PT Mercury	\$0.0049278	/lamp/month

#### TERMS AND CONDITIONS:

DP&L retains the right to adjust the AER annually or more often as circumstances warrant, with PUCO approval.

Filed pursuant to the Opinion and Order in Case No. 09-1908-EL-ATA dated April 6, 2010, of the Public Utilities Commission of Ohio.

Issued April 29, 2010

Effective May 1, 2010

Issued by PAUL M. BARBAS, President and Chief Executive Officer

### THE DAYTON POWER AND LIGHT COMPANY CASE NO. 10-89-EL-RDR

**Alternative Energy Rider (AER)** 

## Schedule A-2 Proposed Tariffs

Twenty-Eighth Revised Sheet No. G2 Cancels Twenty-Seventh Revised Sheet No. G2 Page 1 of 2

#### P.U.C.O. No. 17 ELECTRIC GENERATION SERVICE TARIFF INDEX

Sheet No.	<u>Version</u>	Description	Number of Pages	Tariff Sheet Effective Date
G1 G2	Fifth Revised Twenty-Eighth Revised	Table of Contents Tariff Index	1 2	January 1, 2010
	ND REGULATIONS		_	
			_	
G3	Original	Application and Contract for Service	3	January 1, 2001
G4	First Revised	Credit Requirements of Customer	1	November 1, 2002
G5	First Revised	Billing and Payment for Electric Service	2	August 16, 2004
G6	Original	Use and Character of Service	1	January 1, 2001
G7	First Revised	Definitions and Amendments	4	August 16, 2004
ALTERN	ATE GENERATION SUPPL	<u>LIER</u>		
G8	Sixth Revised	Alternate Generation Supplier Coordination	n 33	January 1, 2006
G9	Second Revised	Competitive Retail Generation Service	4	June 30, 2009
TARIFFS		1		
G10	Eleventh Revised	Standard Offer Residential	2	January 1, 2010
G11	Eleventh Revised	Standard Offer Residential Heating	3	January 1, 2010
G12	Eighteenth Revised	Standard Offer Secondary	4	May 1, 2010
G13	Eighteenth Revised	Standard Offer Primary	3	May 1, 2010
G14	Eighth Revised	Standard Offer Primary-Substation	3	January 1, 2010
G15	Eighth Revised	Standard Offer High Voltage	3	January 1, 2010
G16	Ninth Revised	Standard Offer Private Outdoor Lighting	3	May 1, 2010
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G18	Eighth Revised	Standard Offer Street Lighting	4	January 1, 2010
G19	Third Revised	Reserved	1	June 1, 2009
G20	First Revised	Reserved	1	November 1, 2002
G21	Original	Cogeneration	3	January 1, 2001
G23	Original	Adjustable Rate	1	January 1, 2001
	uant to the Opinion and Orde on of Ohio.	er in Case No. 10-89-EL-RDR dated	of the	Public Utilities
Issued			Е	Effective
	<del></del>	Jaguard by		

Twenty-Eighth Revised Sheet No. G2 Cancels Twenty-Seventh Revised Sheet No. G2 Page 2 of 2

#### P.U.C.O. No. 17 ELECTRIC GENERATION SERVICE TARIFF INDEX

Sheet No.	Version		Number of Pages	Tariff Sheet Effective Date
RIDERS				
G22	Eighth Revised	Shopping Credit	2	May 1, 2010
G24	Fourth Revised	Environmental Investment Rider	3	May 1, 2010
G25	Second Revised	Rate Stabilization Charge	2	May 1, 2010
G26	Second Revised	Alternative Energy Rider	1	
G27	First Revised	PJM RPM Rider	2	May 1, 2010
G28	Third Revised	FUEL Rider	1	June 1, 2010

Filed pursuant to the Opinion and Order in Case No. 10-89-EL-RDR dated \_\_\_\_\_\_ of the Public Utilities Commission of Ohio.

Issued \_\_\_\_\_\_

Second Revised Sheet No. G26 Cancels First Revised Sheet No. G26 Page 1 of 1

Effective

#### P.U.C.O. No. 17 ELECTRIC GENERATION SERVICE ALTERNATIVE ENERGY RIDER

#### **DESCRIPTION:**

The Alternative Energy Rider (AER) is intended to compensate the Dayton Power and Light Company for costs incurred to comply with the requirements of Section 4928.64 of the Ohio Revised Code.

#### **APPLICABLE:**

This rider will be assessed on a bills rendered basis beginning August 1, 2010 on all energy provided under the Electric Generation Service Tariff Sheets G10-G18 based on the following rate.

#### **CHARGES**:

All Customers

Issued \_\_\_\_\_

Energy Charge (All kWh)	\$0.0003640 / kWh
Private Outdoor Lighting  9,500 Lumens High Pressure Sodium 28,000 Lumens High Pressure Sodium 7,000 Lumens Mercury Vapor 21,000 Lumens Mercury Vapor 2,500 Lumens Incandescent 7,000 Lumens Fluorescent 4,000 Lumens PT Mercury	\$0.0141960 /lamp/month \$0.0349440 /lamp/month \$0.0273000 /lamp/month \$0.0560560 /lamp/month \$0.0232960 /lamp/month \$0.0240240 /lamp/month \$0.0156520 /lamp/month
TERMS AND CONDITIONS:  DP&L retains the right to adjust the AER annually or more of approval.	iten as circumstances warrant, with PUCO
Filed pursuant to the Opinion and Order in Case No. 10-89-El Utilities Commission of Ohio.	L-RDR dated of the Public

Issued by PAUL M. BARBAS, President and Chief Executive Officer

## THE DAYTON POWER AND LIGHT COMPANY CASE NO. 10-89-EL-RDR

**Alternative Energy Rider (AER)** 

## **Schedules and Workpapers**

# The Dayton Power and Light Company Case No. 10-89-EL-RDR Summary of Projected Costs August 2010 - July 2011 (Revenue)/Expense in \$

Work Paper Reference No(s).. Data: Actual and Forecasted Type of Filing: Revised

Page 1 of 1 Schedule B-1

-		LL.	Forecast	Reconciliation		Total Costs	
S S	Description	Andn	August 10-July 11	Through April 10		Through July 11	
€	(B)		(C)	(D)		(E)	
		Schec	Schedule C-1, Col	Schedule D-1,		Sum Col	
			0	Col (N)		(C) + (D)	
~	REC Expense	G	1.133.469				
7	Project Expense	€9-	1,122,332				
က	Killen Biomass	မှာ	1,024,990				
4							
2	SubTotal	G	3,280,791	\$ 380.058	89	3,660,849	
ဖ	Carrying costs	ક્ક	1	\$ 17,825	25	17,825	
_	SubTotal	<del>69</del>	3,280,791	\$ 397.883	33	3 678 674	
∞	Gross Revenue Conversion Factor <sup>1</sup>		1.021	1.021		1.021	
တ							
9	Total AER including carrying costs	49	3,349,688	\$ 406.239	<i>\$</i>	3.755.926	
7					<b>)</b>		
3 5	AER for August 2010 - July 2011 <sup>2</sup>				•		
					A	0.0003640	

'Case No. 08-1094-EL-SSO, Schedule A-4, Col (C), Line 28 <sup>2</sup>Schedule C-1 Line 23 + Schedule D-1 Line 31

The Dayton Power and Light Company Case No. 10-89-EL-RDR Projected Monthly Cost Calculation August 2010 - July 2011

Data: Forecasted Type of Filing: Revised Work Paper Reference No(s); None

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2	Description	Aug-10	Sep-10	_	Orf.10	Nov. 10	20,	1,00	400	10000	,							
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- c	DEC LAPERIA - CIRC NOIS GOIS	700'07 6	700'07	A .	73,352	23,352	\$ 23,352	\$ 45,34	6 \$ 45,346	\$ 45,346	\$ 45,346	\$ 45,346	\$ 45,346	6 \$ 45,346	46 \$	434.179	Company Forecast	
7	ACC Expense - Non Onio Non Solar	5 13,341	\$ 13,341	<i>ب</i>	13,341	\$ 13,341	\$ 13,341	\$ 25,38	6 \$ 25,386	\$ 25,386	\$ 25,386	\$ 25,386	\$ 25.386	6	88	244 407	Company Forecast	
m	REC Expense - Ohio Solar	, 69	, s	ø	,	9	69	65	64	v	4		Î	) } }	) 6	1	Company of coast	
4	REC Expense - Non Ohio Solar	\$ 20.655	\$ 20.655	65	20.655	\$ 20.655	\$ 20 A5E	£ 50.220	\$ 50 000	# ED 220				9 (			Company Forecast	
ц	L C L				200		1	•	•	9		677 nc e	877 DC 6	877,00	67	454,883	Company Forecast	
ဂ ဖ	lotal REC Expense	57,348	5 57,348	es	57,348	\$ 57,348	\$ 57,348	\$ 120,961	1 \$ 120,961	\$ 120,961	\$ 120,961	\$ 120,961	\$ 120,961	1 \$ 120,961	\$ 19	1,133,469	Sum Line 1 to 4	
7	RFP & Compliance Evaluation	\$ 38,500	\$ 38,500	8	38,500	\$ 38,500	\$ 38,500	\$ 41,59	7 \$ 41.597	\$ 41.597	\$ 41 597	\$ 41.597	\$ 41 597	7 \$ 41 597	24	773 677	- Company Company	
ω	Solar Development	\$ 15,625	\$ 15,625	69	15,625	\$ 15,625	\$ 15.625	49	65	ď	13 333	42 232	49 999	<b>+</b> 6	9 6	474 470	Company resease	
თ	Biofuel Development	\$ 30.083	\$ 50.083	9	30.083	\$ 30.083	\$ 50.083	u			200	9 6	9 6	9 (	2 :	004-7	Company Forecast	
9	Killen Biomass				2	) ) )	? • •	> 0	9 (	9	040,80	08,040	39,540	0 45,540	5 3	467,197	Company Forecast	
! ;				9				,	\$ 280,150	\$ 160,630	\$ 304,630	\$ 279,580	φ,	s	69	1,024,990	Company Forecast	
= 5	lotal Project Expenses	\$ 84,208	\$ 104,208	69 CC	84,208	\$ 84,208	\$ 104,208	\$ 94,470	0 \$ 374,620	\$ 255,100	\$ 399,100	\$ 374,050	\$ 94,470	0 \$ 94,470	9	2,147,322	Company Forecast	
13																	Company Forecast	
4	Total AER Expense	\$ 141,556	\$ 161,556		\$ 141,556	\$ 141,556	\$ 161 556		\$ 215 431 \$ 495 581 \$ 376 061	\$ 376.061	\$ 520.061	40E044	245 42	4		10000	Sum Line 7 to 10	
15									100,000		320,020	10,000	64,012,4	1 \$ 215,431	9	3,280,791	Line 5 + Line 11	
16																		
17	Gross Revenue Conversion Factor																	
3																1.021	Schedule B-1 Line 8	
9	Total Projected AER Costs														6	0000		
20															9	000'6+0'0	Line 14 x Line 1/	
2 2	Standard Offer Sales Forecast (kWh) Aug 10 - July 11	July 11														,320,627,032	10,320,627,032 Corporate Forecast	
23	AER Base Rate \$/kWh																	
															4	0.0003246	0.0003246   Line 19 / Line 21	

The Dayton Power and Light Company Case No. 10-89-EL-RDR Summary of Accrued Actual Costs Through April 2010

Data: Actual Type of Filing: Revised Work Paper Reference No(s).: WPD-1

≥l	\$ 20,967 \$ 20,967 \$		5 5 56 715 \$ 571,857	30 716 \$ 458 245	\$ 7,432	6,593	4,070	377,292	556	2	2							
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7	\$ 12,053 \$ 6.808	\$ 1,063	\$ 28,750	\$ 27.682		' S	, ;	\$ 28,388	\$ 66,343	\$ 95,093	\$(100,240)	\$ (5,147)	\$ 1,057					
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(0)	40,846	6,375	172,499	127,925	,		í		127,925	300,424	1	300,424	4,406					
6	A WA	us us	,	s	ss (	s) (	A G	9 69	ss ss	49	49	w	49					
(B)	ISE - Official Not Solar nse - Non Ohio Non Solar	iense - Ohio Solar ense - Non Ohio Solar	•	RFP & Compliance Evaluation	lopment	siopment	Jonney Jonney	Killen Biomass	Total Project Expense	Total AER Expense		(Over)/ Under Recovery	osts	Recovery with Carrying Costs	Gross Revenue Conversion Factor	Total (Over)/Under Recovery with Carrying Costs	Sales Forecast (kWh) Aug 10 - July 11	AER Reconciliation Rate
	(C) (D) (E) (F)	(c) (D) (E) (F) (F) (C) 2.315 \$ 12,053	(c) (D) (E) (F) (F) (F) (C) (D) (E) (F) (F) (F) (F) (F) (F) (F) (F) (F) (F	(C) (D) (F) (F) (F) (F) (C) (D) (F) (F) (F) (F) (F) (F) (F) (F) (F) (F	C) (C) (D) (F) (F) (F) (D) (F) (F) (F) (F) (F) (F) (F) (F) (F) (F	(C) (D) (F) (F) (F) (F) (F) (F) (F) (F) (F) (F	Colar S (7) (D) (E) (F) (F) (C) (D) (E) (F) (F) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	CONTRICT CEXPENSE S (29,199) S 2,8,750 S 2,9,750 S 2,9,7	CO (C) (D) (E) (F) (D) (E) (C) (D) (E) (E) (E) (E) (E) (E) (E) (E) (E) (E	Solar S	(e) Non Solar Solar Solar Solar Solar Solar Solar Solar Solar Total REC Expense S 127,925 \$ 10,063 \$ 1	(b) (c) (d) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f	(F)	(F)	(b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	ar (C) (C) (D) (E) (E) (E) (E) (E) (E) (E) (E) (E) (E	ar (C) (C) (D) (E) (E) (E) (E) (E) (E) (E) (E) (E) (E	ar (C) (C) (D) (E) (E) (E) (E) (E) (E) (E) (E) (E) (E

# The Dayton Power and Light Company Case No: 10-89-EL-RDR Alternative Energy Rider Typical Bill Comparison

Residential

Data: 0 Months Actual, 12 Months Estimated Type of Filing: Revised Work Paper Reference: None

Schedule E-5 Page 1 of 12

Percent	(F = E/C)	0.17%	0.21%	0.24%	0.26%	0.26%	0.27%	0.28%	0.28%	0.29%	0.29%	0.29%	0.30%	0.30%	0.30%	0.31%	0.31%
Dollar Increase	(E = D - C)	\$0.02	\$0.04	\$0.07	\$0.15	\$0.18	\$0.27	\$0.36	\$0.44	\$0.51	\$0.55	\$0.73	\$0.91	\$1.09	\$1.46	\$1.82	\$2.73
Proposed Bill	(D)	\$10.92	\$17.51	\$30.67	\$57.02	\$70.16	\$103.10	\$132.29	\$155.67	\$179.03	\$190.73	\$249.14	\$307.33	\$365.49	\$481.88	\$598.25	\$889.20
Current Bill	(C)	\$10.90	\$17.47	\$30.60	\$56.87	\$66.98	\$102.83	\$131.93	\$155.23	\$178.52	\$190.18	\$248.41	\$306.42	\$364.40	\$480.42	\$596.43	\$886.47
Level of Usage (KWH)	(B)	20	100	200	400	200	750	1,000	1,200	1,400	1,500	2,000	2,500	3,000	4,000	5,000	7,500
Level of Demand (KW)	(A)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0:0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Line No.		<del></del>	2	ო	4	2	ဖ	_	∞	တ	9	=	12	13	4	15	16

The Dayton Power and Light Company Case No: 10-89-EL-RDR Alternative Energy Rider Typical Bill Comparison

Residential Heat (Winter)

Data: 0 Months Actual, 12 Months Estimated Type of Filing: Revised

Work Paper Reference: None

Schedule E-5 Page 2 of 12

Line No. (6)		Usage				1
- 2 c 4 c o c c c c c c c c c c c c c c c c	(KW)	(KWH)	Current Bill	Proposed Bill	Dollar Increase	rercent
- 2 c 4 c o r & o f t c	(A)	(B)	(c)	(D)	(E = D - C)	(F = E/C)
იო 4 ი ი r თ ი 0 <u>f r</u> c	0.0	20	\$10.62	\$10.64		0.17%
8 4 4 6 1 1 8 8 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.0	100	\$17.47	\$17.51	\$0.04	0.21%
4 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 ·	0.0	200	\$30.60	\$30.67		0.24%
5 9 × 8 6 7 1 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.0	400	\$56.87	\$57.02		0.26%
o	0.0	200	\$6.69\$	\$70.16		0.26%
7 8 8 7 1 1 0 8 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.0	750	\$102.83	\$103.10		0.27%
8 6 1 T C	0.0	1,000	\$125.36	\$125.72		0.29%
e 1 1 5	0.0	1,200	\$143.42	\$143.86		0.30%
2 1 9	0.0	1,400	\$161.45	\$161.96		0.32%
12	0.0	1,500	\$170.47	\$171.02		0.32%
12	0.0	2,000	\$215.56	\$216.29		0.34%
!	0.0	2,500	\$260.43	\$261.34		0.35%
13	0.0	3,000	\$305.28	\$306.37		0.36%
14	0.0	4,000	\$395.02	\$396.48		0.37%
15	0.0	5,000	\$484.74	\$486.56	\$1.82	0.38%
16	0.0	7,500	\$709.09	\$711.82	\$2.73	0.39%

The Dayton Power and Light Company Residential Heat (Summer) Alternative Energy Rider Typical Bill Comparison Case No: 10-89-EL-RDR

Data: 0 Months Actual, 12 Months Estimated Type of Filing: Revised Work Paper Reference: None

Schedule E-5 Page 3 of 12

l																	
Percent Increase	(F = E/C)	0.17%	0.21%	0.24%	0.26%	0.26%	0.27%	0.28%	0.28%	0.29%	0.29%	0.29%	0.30%	0.30%	0.30%	0.31%	0.31%
Dollar Increase	(E = D - C)	\$0.02	\$0.04	\$0.07	\$0.15	\$0.18	\$0.27	\$0.36	\$0.44	\$0.51	\$0.55	\$0.73	\$0.91	\$1.09	\$1.46	\$1.82	\$2.73
Proposed Bill	(D)	\$10.92	\$17.51	\$30.67	\$57.02	\$70.16	\$103.10	\$132.29	\$155.67	\$179.03	\$190.73	\$249.14	\$307.33	\$365.49	\$481.88	\$598.25	\$889.20
Current Bill	(c)	\$10.90	\$17.47	\$30.60	\$56.87	\$66.98	\$102.83	\$131.93	\$155.23	\$178.52	\$190.18	\$248.41	\$306.42	\$364.40	\$480.42	\$596.43	\$886.47
Level of Usage (KWH)	(B)	20	100	200	400	200	750	1,000	1,200	1,400	1,500	2,000	2,500	3,000	4,000	5,000	7,500
Level of Demand (KW)	(A)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Line No.		<del></del>	7	က	4	5	9	7	ω	တ	10	_	12	13	4	15	16

The Dayton Power and Light Company Case No: 10-89-EL-RDR Alternative Energy Rider Typical Bill Comparison Secondary Unmetered

Data: 0 Months Actual, 12 Months Estimated Type of Filing: Revised Work Paper Reference: None

Schedule E-5 Page 4 of 12

Percent Dollar Increase Increase	(E = D - C) $(F = E/C)$		\$0.04 0.19%														
Proposed Bill Doll	(D) (E	\$13.15	\$19.56	\$25.93	\$32.32	\$45.11	\$57.86	\$70.67	\$83.45	\$108.98	\$134.52	\$160.09	\$185.64	\$203.61	\$224.33	\$234.58	
Current Bill	(C)	\$13.13	\$19.52	\$25.88	\$32.25	\$45.00	\$57.71	\$70.49	\$83.23	\$108.69	\$134.16	\$159.65	\$185.13	\$203.03	\$223.60	\$233.78	
Level of Usage (KWH)	(B)	50	100	150	200	300	400	200	009	800	1,000	1,200	1,400	1,600	2,000	2,200	
Level of Demand (KW)	(A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	•
Line No.		-	2	က	4	2	9	7	∞	တ	9	=	12	13	4	15	(

# The Dayton Power and Light Company Case No: 10-89-EL-RDR Alternative Energy Rider Typical Bill Comparison Secondary Single Phase

Data: 0 Months Actual, 12 Months Estimated

Type of Filing: Revised

Work Paper Reference: None

Schedule E-5 Page 5 of 12

Percent Increase	(F = E/C)	0.26%	0.27%	0.19%	0.24%	0.31%	0.36%	0.32%	0.41%	0.29%	0.42%	0.38%	0.39%	0.34%	0.44%	0.34%	0.40%
Dollar Increase	(E = D - C)	\$0.27	\$0.55	\$0.55	\$1.82	\$2.73	\$3.64	\$5.46	\$9.10	\$18.20	\$36.40	\$45.50	\$72.80	\$109.20	\$182.00	\$273.00	\$364.00
Proposed Bill Dollar Increase	(D)	\$104.60	\$200.43	\$292.06	\$746.76	\$875.04	\$1,003.31	\$1,717.99	\$2,225.47	\$6,243.06	\$8,780.45	\$11,881.72	\$18,935.14	\$32,615.74	\$41,651.04	\$80,433.99	\$91,512.43
Current Bill	(C)	\$104.33	\$199.88	\$291.51	\$744.94	\$872.31	\$999.67	\$1,712.53	\$2,216.37	\$6,224.86	\$8,744.05	\$11,836.22	\$18,862.34	\$32,506.54	\$41,469.04	\$80,160.99	\$91,148.43
Level of Usage (KWH)	(B)	750	1,500	1,500	5,000	7,500	10,000	15,000	25,000	50,000	100,000	125,000	200,000	300,000	500,000	750,000	1,000,000
Level of Demand (KW)	(A)	5	သ	10	25	25	25	20	20	200	200	300	200	1,000	1,000	2,500	2,500
Line No.		-	2	က	4	2	9	7	ω	6	10	7	12	13	4	15	16

# The Dayton Power and Light Company Case No: 10-89-EL-RDR Alternative Energy Rider Typical Bill Comparison

Secondary Three Phase

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Schedi	Page

	Level of Demand	Level of Usage		-		Percent	
LINE NO.	(NVV)	(KWH)	Current Bill	Proposed Bill	Dollar Increase	Increase	
	( <del>V</del> )	( g )	(2)	(n)	(E = D - C)	(F = E/C)	
<del></del>	5	200	\$79.83	\$80.01	\$0.18	0.23%	
7	ည	1,500	\$207.23	\$207.78	\$0.55	0.26%	
က	9	1,500	\$298.86	\$299.41	\$0.55	0.18%	
4	25	5,000	\$752.29	\$754.11	\$1.82	0.24%	
വ	25	7,500	\$879.66	\$882.39	\$2.73	0.31%	
9	25	10,000	\$1,007.02	\$1,010.66	\$3.64	0.36%	
7	20	25,000	\$2,223.72	\$2,232.82	\$9.10	0.41%	
œ	200	50,000	\$6,232.21	\$6,250.41	\$18.20	0.29%	
တ	200	125,000	\$10,011.00	\$10,056.50	\$45.50	0.45%	
10	200	200,000	\$18,869.69	\$18,942.49	\$72.80	0.39%	
<del></del>	1,000	300,000	\$32,513.88	\$32,623.08	\$109.20	0.34%	
12	1,000	500,000	\$41,476.39	\$41,658.39	\$182.00	0.44%	
13	2,500	750,000	\$80,168.33	\$80,441.33	\$273.00	0.34%	
4	2,500	1,000,000	\$91,155.77	\$91,519.77	\$364.00	0.40%	
15	5,000	1,500,000	\$158,730.97	\$159,276.97	\$546.00	0.34%	
16	5,000	2,000,000	\$180,491.48	\$181,219.48	\$728.00	0.40%	

# The Dayton Power and Light Company Case No: 10-89-EL-RDR Alternative Energy Rider Typical Bill Comparison Primary Service

!	# # e	0						•	_	•				_				_		_
	Percent Increase	(F = E/C)	0.16%	0.31%	0.38%	0.32%	0.38%	0.40%	0.49%	0.32%	0.40%	0.47%	0.47%	0.47%	0.42%	0.48%	0.48%	0.37%	0.43%	0.37%
	Dollar Increase	(E = D - C)	\$0.36	\$0.91	\$1.82	\$2.73	\$3.64	\$7.28	\$10.92	\$18.20	\$27.30	\$36.40	\$91.00	\$182.00	\$364.00	\$910.00	\$1,820.00	\$2,730.00	\$3,640.00	\$5,460.00
	Proposed Bill	( D )	\$225.12	\$291.41	\$486.71	\$853.25	\$962.93	\$1,827.00	\$2,260.16	\$5,695.06	\$6,777.92	\$7,860.76	\$19,495.17	\$38,885.79	\$86,013.44	\$191,857.94	\$382,535.55	\$744,454.12	\$849,511.27	\$1,487,727.89
	Current Bill	(c)	\$224.76	\$290.50	\$484.89	\$850.52	\$959.29	\$1,819.72	\$2,249.24	\$5,676.86	\$6,750.62	\$7,824.36	\$19,404.17	\$38,703.79	\$85,649.44	\$190,947.94	\$380,715.55	\$741,724.12	\$845,871.27	\$1,482,267.89
	Level of Usage (KWH)	(B)	1,000	2,500	5,000	7,500	10,000	20,000	30,000	50,000	75,000	100,000	250,000	500,000	1,000,000	2,500,000	5,000,000	7,500,000	10,000,000	15,000,000
	Level of Demand (KW)	(A)	Ω	ည	10	25	25	20	50	200	200	200	200	1,000	2,500	5,000	10,000	25,000	25,000	50,000
	Line No.		<del></del>	2	က	4	2	9	7	8	6	10	7	12	13	4	15	16	17	18

# The Dayton Power and Light Company Case No: 10-89-EL-RDR Alternative Energy Rider Typical Bill Comparison Primary Substation

Level of Demand Line No. (KW)  (A)  1 3,000 2 5,000 3 5,000 4 10,000 5 10,000 6 15,000 7 15,000 8 15,000 10 25,000 11 30,000 13 50,000					
	Level of				
		Current Bill	Proposed Bill	Dollar Increase	Percent Increase
	(B)	(C)	(D)	(E = D - C)	(F = E/C)
	1,000,000	\$86,382.48	\$86,746.48	\$364.00	0.42%
	2,000,000	\$156,349.07	\$157,077.07	\$728.00	0.47%
	3,000,000	\$195,994.71	\$197,086.71	\$1,092.00	0.56%
	4,000,000	\$311,442.75	\$312,898.75	\$1,456.00	0.47%
	5,000,000	\$351,088.39	\$352,908.39	\$1,820.00	0.52%
	6,000,000	\$466,536.41	\$468,720.41	\$2,184.00	0.47%
	7,000,000	\$506,182.05	\$508,730.05	\$2,548.00	0.50%
	8,000,000	\$545,827.70	\$548,739.70	\$2,912.00	0.53%
	9,000,000	\$737,078.12	\$740,354.12	\$3,276.00	0.44%
	10,000,000	\$776,723.77	\$780,363.77	\$3,640.00	0.47%
	12,500,000	\$951,640.26	\$956,190.26	\$4,550.00	0.48%
	15,000,000	\$1,050,754.38	\$1,056,214.38	\$5,460.00	0.52%
4.4	17,500,000	\$1,453,078.02	\$1,459,448.02	\$6,370.00	0.44%
20,000	20,000,000	\$1,552,192.14	\$1,559,472.14	\$7,280.00	0.47%
15 50,000	25,000,000	\$1,750,420.37	\$1,759,520.37	\$9,100.00	0.52%

The Dayton Power and Light Company Case No: 10-89-EL-RDR Alternative Energy Rider Typical Bill Comparison High Voltage Service

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Percent Increase	(F = E/C)	0.51%	0.52%	0.52%	0.55%	0.52%	0.47%	0.54%	0.52%	0.56%	0.55%	0.58%	0.57%	0.52%	0.53%	0.53%
Dollar Increase	(E = D - C)	\$182.00	\$364.00	\$546.00	\$728.00	\$910.00	\$1,092.00	\$1,456.00	\$1,820.00	\$2,184.00	\$2,548.00	\$2,912.00	\$3,276.00	\$3,640.00	\$7,280.00	\$10,920.00
Proposed Bill	(D)	\$35,712.20	\$70,929.03	\$105,715.82	\$133,083.59	\$175,289.36	\$232,333.13	\$272,230.67	\$349,223.19	\$389,120.73	\$466,113.28	\$506,010.82	\$583,003.36	\$697,090.89	\$1,392,826.31	\$2,088,561.69
Current Bill	(0)	\$35,530.20	\$70,565.03	\$105,169.82	\$132,355.59	\$174,379.36	\$231,241.13	\$270,774.67	\$347,403.19	\$386,936.73	\$463,565.28	\$503,098.82	\$579,727.36	\$693,450.89	\$1,385,546.31	\$2,077,641.69
Level of Usage (KWH)	(B)	500,000	1,000,000	1,500,000	2,000,000	2,500,000	3,000,000	4,000,000	5,000,000	6,000,000	7,000,000	8,000,000	9,000,000	10,000,000	20,000,000	30,000,000
Level of Demand (KW)	( <del>V</del> )	1,000	2,000	3,000	3,500	5,000	7,500	7,500	10,000	10,000	12,500	12,500	15,000	20,000	40,000	000'09
Line No.		τ-	2	က	4	2	9	7	ω	တ	10	7	12	13	4	15

# The Dayton Power and Light Company Case No: 10-89-EL-RDR Private Outdoor Lighting Alternative Energy Rider Typical Bill Comparison

Data: 0 Months Actual, 12 Months Estimated Type of Filing: Revised

Work Paper Reference: None

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	Level of				
(KW)	(KWH)	Current Bill	Proposed Bill	Dollar Increase	Percent Increase
(A)	(B)	(C)	(D)	(E = D - C)	(F = E/C)
7000					
Mercury	75	\$12.40	\$12.43	\$0.03	0.22%
21000					
Mercury	154	\$22.28	\$22.34	\$0.06	0.25%
2500					
Incandescent	64	\$11.59	\$11.61	\$0.02	0.20%
7000					
Fluorescent	99	\$13.09	\$13.11	\$0.02	0.18%
4000					
Mercury	43	\$13.64	\$13.66	\$0.02	0.11%
9500					
ligh Pressure Sodium	39	\$10.46	\$10.47	\$0.01	0.14%
28000					
igh Pressure Sodium	96	\$13.92	\$13.95	\$0.03	0.25%
	Level of Demand (KW) (A) 7000 Mercury 21000 Mercury 2500 Incandescent 7000 Fluorescent 4000 Mercury 9500 High Pressure Sodium 28000 High Pressure Sodium		Level of Usage (KWH) C (B) 75 75 76 43 96	Level of Usage (KWH) (B) (C) (E) (T) (T)  75 \$12.40  64 \$11.59  64 \$11.69  843 \$11.46  96 \$13.92	Level of Usage (KWH) Current Bill Proposed Bill Dc (B) (C) (D)  75 \$12.40 \$12.43  75 \$12.28 \$22.34  64 \$11.59 \$11.61  66 \$13.09 \$13.11  96 \$13.95 \$13.95

Note: Current and proposed bills included monthly charge for 1 fixture, 1 pole, and 1 span

# The Dayton Power and Light Company Case No: 10-89-EL-RDR Alternative Energy Rider Typical Bill Comparison School Rate

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Percent Increase	(F = E/C)	5.23%	0.27%	0.29%	0.30%	3.30%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%	0.31%
Pollar Increase Ir	(E = D - C) (F	\$0.36	\$0.91	\$1.82	\$3.64	\$5.46	\$9.10			\$36.40	\$54.60	\$72.80	\$91.00	\$109.20	\$127.40	\$145.60	\$163.80	\$182.00
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Proposed Bill	(D)	\$156.64	\$332.96	\$625.99	\$1,212.11	\$1,798.20	\$2,964.80	\$5,881.30	\$8,797.77	\$11,714.25	\$17,547.24	\$23,380.20	\$29,213.19	\$35,046.14	\$40,879.13	\$46,712.09	\$52,545.08	\$58,378.03
Current Bill	(c)	\$156.28	\$332.05	\$624.17	\$1,208.47	\$1,792.74	\$2,955.70	\$5,863.10	\$8,770.47	\$11,677.85	\$17,492.64	\$23,307.40	\$29,122.19	\$34,936.94	\$40,751.73	\$46,566.49	\$52,381.28	\$58,196.03
Level of Usage (KWH)	(B)	1,000	2,500	5,000	10,000	15,000	25,000	50,000	75,000	100,000	150,000	200,000	250,000	300,000	350,000	400,000	450,000	500,000
Level of Demand (KW)	(A)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Line No.		<del>/</del>	7	က	4	5	9	7	ω	တ	10	7	12	13	4	15	16	17

The Dayton Power and Light Company Case No: 10-89-EL-RDR Alternative Energy Rider Typical Bill Comparison Street Lighting

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Percent Increase	(F = E/C)	0.32%	0.39%	0.44%	0.47%	0.48%	0.49%	0.49%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.51%	0.51%
Dollar Increase	(E = D - C)	\$0.02	\$0.04	\$0.07	\$0.15	\$0.18	\$0.27	\$0.36	\$0.44	\$0.51	\$0.58	\$0.73	\$0.91	\$1.09	\$1.46	\$1.82
Proposed Bill	(D)	\$5.69	\$9.28	\$16.47	\$30.85	\$38.07	\$56.03	\$74.00	\$88.38	\$102.77	\$117.15	\$145.93	\$181.66	\$217.37	\$288.85	\$360.29
Current Bill	(C)	\$5.67	\$9.24	\$16.40	\$30.70	\$37.89	\$55.76	\$73.64	\$87.94	\$102.26	\$116.57	\$145.20	\$180.75	\$216.28	\$287.39	\$358.47
Level of Usage (KWH)	(B)	20	100	200	400	200	750	1,000	1,200	1,400	1,600	2,000	2,500	3,000	4,000	5,000
Level of Demand (KW)	(A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Line No.		~	7	က	4	2	9	7	∞	თ	10	7	12	13	4	15

Work Paper Reference No(s).: None

Type of Filing: Revised

Data: Actual

40,575.00 55,147.94 85,260.40 115,519.95 139,148.63 162,892.70 240,857.97 279,351.49 238,707.67 233,079.94 230,971.89 216,542.89 255,397.80 289,626.99 312,408.87 332,173.62 359,702.07 CARRYING COST CALCULATION (K) = (J) + (G)Carrying Cost Applicable to Total (J) = -(F) \* 5(2,080.32) (14,374.80) (15,468.35) (8,689.71) (14,374.85) (62,794.96) 25,477.63 16,530.36 (9,736.95) 2,573.71 (40,371.17) 7,389.17 (912.93) 10,517.56 (36,423.90) (17,140.77)(14,374.85)(28, 756.71)12,983.21 One-half Monthly Amount Less: 3 (I) = (G) + (H) 4,170.80130,458.93 148,517.85 178,063.01 40,575.00 40,773.14 69,792.05 101,145.10 223,342.99 243,955.10 255,238.03 38,556.40 215,026.63 297,016.16 304,829.11 219,116.60 342,691.18 283,652.17 323,278.17 397,882.51 Balance End of Month 198.14 269.31 416.35 564.12 679.51 795.46 1,057.45 (H) = (K) \* (5.86% / 12)104.07 ,364.17 1,138.21 1,247.19 1,176.19 ,165.69 ,622.11 ,525.60 Cost @ Carrying 5.86% (G) = (C) + (F)40,575.00 69,522.74 177,267.55 303,652.93 253,873.86 38,452.33 40,382.26 100,728.75 129,894.80 282,237.82 341,165.58 321,656.06 396,125.96 End of Month 217,988.69 Carrying Cost 4,160.64 147,838.34 222,177.31 242,816.89 295,768.97 213,969.18 before MONTHLY ACTIVITY 125,589.92 (50,955.25) (33,060.72) 19,473.90 (25,966.41) (5,147.42) 80,742.35 (14,778.35) 57,513.41 (21,035.12) 34,281.53 1,825.86 (F) = (D) + (E)30,936.70 28,749.70 17,379.41 28,749.70 4,160.64 28,749.60 72,847.79 AMOUNT (61,787.74) (118,528.51) (116,938.08) (105,630.32) (100,240.29) (113,030.95) (134,837.64) (115,400.00) (106,763.89) (86,197.60) Collected Amount CR) Œ 34,281.53 1,825.86 17,379.41 28,749.70 125,589.92 10,832.49 85,467.79 136,411.98 79,663.91 95,092.87 193,773.30 120,059.29 172,913.41 85,728.77 4,160.64 28,749.60 30,936.70 28,749.70 159,045.39 Charges <u>@</u> 40,773.14 69,792.05 101,145.10 297,016.16 283,652.17 40,575.00 219,116.60 4,170.80 38,556.40 148,517.85 255,238.03 243,955.10 223,342.99 215,026.63 178,063.01 304,829.11 342,691.18 323,278.17 Balance First of Month May-09 Nov-08 Dec-08 Jan-09 Feb-09 Mar-09 Apr-09 Jul-09 Aug-09 Sep-09 Oct-09 Nov-09 Dec-09 Oct-08 Jun-09 Feb-10 Period Sep-08 Jan-10 Apr-10 <u>@</u> 

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This foregoing document was electronically filed with the Public Utilities

**Commission of Ohio Docketing Information System on** 

7/22/2010 1:39:16 PM

in

Case No(s). 10-0089-EL-RDR

Summary: Amended Application to update the Alternative Energy Rider electronically filed by Mr. Robert J Adams on behalf of The Dayton Power and Light Company