



Regulatory Operations

May 1, 2014

Docketing Division
The Public Utilities Commission of Ohio
180 East Broad Street
Columbus, Ohio 43215-3793

Re: The Dayton Power and Light Company Case No. 14-0661-EL-RDR

Docketing Division:

The Dayton Power and Light Company herewith submits a copy of Schedules, Workpapers, and Tariffs for modifying its Transmission Cost Recovery Rider – Bypassable and PJM RPM Rider. The final Tariffs will be docketed in this case and our TRF docket before the effective date of June 1, 2014.

Please contact me at (937) 259-7368 if you have any questions. Thank you very much for your assistance.

Sincerely,

A handwritten signature in black ink that reads "Claire Hale".

Claire Hale
Rate Analyst, Regulatory Operations

THE DAYTON POWER AND LIGHT COMPANY
MacGregor Park
1065 Woodman Drive
Dayton, Ohio 45432

Eighteenth Revised Sheet No. T2
Cancels
Seventeenth Revised Sheet No. T2
Page 1 of 1

P.U.C.O. No. 17
ELECTRIC TRANSMISSION SERVICE
TARIFF INDEX

<u>Sheet No.</u>	<u>Version</u>	<u>Description</u>	<u>Number of Pages</u>	<u>Tariff Sheet Effective Date</u>
T1	Fourth Revised	Table of Contents	1	January 1, 2014
T2	Eighteenth Revised	Tariff Index	1	June 1, 2014

RULES AND REGULATIONS

T3	Third Revised	Application and Contract for Service	3	January 1, 2014
T4	First Revised	Credit Requirements of Customer	1	November 1, 2002
T5	Original	Billing and Payment for Electric Service	1	January 1, 2001
T6	Original	Use and Character of Service	1	January 1, 2001
T7	Second Revised	Definitions and Amendments	3	June 20, 2005

TARIFFS

T8	Seventh Revised	Transmission Cost Recovery Rider – Non-Bypassable	4	June 1, 2014
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RIDERS

T9	Sixth Revised	Transmission Cost Recovery Rider – Bypassable	3	June 1, 2014
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Filed pursuant to the Opinion and Order in Case No. 14-358-EL-RDR dated _____ of the Public Utilities Commission of Ohio.

Issued _____

Issued by
DEREK A. PORTER, President

Effective June 1, 2014

THE DAYTON POWER AND LIGHT COMPANY
MacGregor Park
1065 Woodman Drive
Dayton, Ohio 45432

Sixth Revised Sheet No. T9
Cancels
Fifth Revised Sheet No. T9
Page 1 of 3

P.U.C.O. No. 17
ELECTRIC TRANSMISSION SERVICE
TRANSMISSION COST RECOVERY RIDER – BYPASSABLE (TCRR-B)

DESCRIPTION OF SERVICE:

This Tariff Sheet provides the Customer with transmission, ancillary and other market-based services provided by PJM. This Transmission Cost Recovery Rider (TCRR-B) is designed to recover all market-based transmission, ancillary, and congestion costs or credits, imposed on or charged to the Company by FERC or PJM, which are not recovered in the TCRR-N.

APPLICABLE:

This Rider will be assessed on a bills-rendered basis beginning June 1, 2014 on Customers taking Standard Offer Generation Service under Tariff Sheet Nos. G10-G19. The TCRR-B does not apply to Customers taking generation service from a Competitive Retail Electric Service (CRES) Provider.

CHARGES:

The following charges will be assessed on a bypassable basis:

Residential:

Energy Charge	\$0.0044359 per kWh
---------------	---------------------

Residential Heating:

Energy Charge	\$0.0044359 per kWh
---------------	---------------------

Secondary:

Demand Charge	\$(0.0353060) per kW for all kW over 5 kW of Billing Demand
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Energy Charge	\$0.0043269 per kWh for the first 1,500 kWh
	\$0.0045593 per kWh for all kWh over 1,500 kWh

If the Maximum Charge provision contained in Electric Generation Service Tariff Sheet No. G12 applies, the Customer will be charged an energy charge of \$0.0064142 per kWh for all kWh in lieu of the above demand and energy charges.

Filed pursuant to the Opinion and Order in Case No. 12-426-EL-SSO dated September 6, 2013 of the Public Utilities Commission of Ohio.

Issued _____, 2014

Issued by
DEREK A. PORTER, President

Effective June 1, 2014

THE DAYTON POWER AND LIGHT COMPANY
MacGregor Park
1065 Woodman Drive
Dayton, Ohio 45432

Sixth Revised Sheet No. T9
Cancels
Fifth Revised Sheet No. T9
Page 2 of 3

P.U.C.O. No. 17
ELECTRIC TRANSMISSION SERVICE
TRANSMISSION COST RECOVERY RIDER – BYPASSABLE (TCRR-B)

Primary:

Demand Charge	\$(0.0387394) per kW for all kW of Billing Demand
Energy Charge	\$0.0045593 per kWh

If the Maximum Charge provision contained in Electric Generation Service Tariff Sheet No. G13 applies, the Customer will be charged an energy charge of \$0.0060225 per kWh in lieu of the above demand and energy charges.

Primary-Substation:

Demand Charge	\$(0.0387394) per kW for all kW of Billing Demand
Energy Charge	\$0.0045593 per kWh

High Voltage:

Demand Charge	\$(0.0387394) per kW for all kW of Billing Demand
Energy Charge	\$0.0045593 per kWh

Private Outdoor Lighting:

9,500 Lumens High Pressure Sodium	\$0.1778127	/lamp/month
28,000 Lumens High Pressure Sodium	\$0.4376928	/lamp/month
7,000 Lumens Mercury	\$0.3419475	/lamp/month
21,000 Lumens Mercury	\$0.7021322	/lamp/month
2,500 Lumens Incandescent	\$0.2917952	/lamp/month
7,000 Lumens Fluorescent	\$0.3009138	/lamp/month
4,000 Lumens PT Mercury	\$0.1960499	/lamp/month

School:

Energy Charge	\$0.0044359 per kWh
---------------	---------------------

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DEREK A. PORTER, President

Effective June 1, 2014

THE DAYTON POWER AND LIGHT COMPANY
MacGregor Park
1065 Woodman Drive
Dayton, Ohio 45432

Sixth Revised Sheet No. T9
Cancels
Fifth Revised Sheet No. T9
Page 3 of 3

P.U.C.O. No. 17
ELECTRIC TRANSMISSION SERVICE
TRANSMISSION COST RECOVERY RIDER – BYPASSABLE (TCRR-B)

Street Lighting:

Energy Charge \$0.0045593 per kWh

All modifications to the TCRR-B are subject to Commission approval.

DETERMINATION OF KILOWATT BILLING DEMAND:

Billing demand shall be determined as defined on the applicable Electric Distribution Service Tariff Sheet Nos. D17 through D25.

TRANSMISSION RULES AND REGULATIONS:

All retail electric transmission and ancillary services of the Company are rendered under and subject to the Rules and Regulations contained in this Schedule and any terms and conditions set forth in any Service Agreement between the Company and the Customer.

Except where noted herein, this service shall be provided under the terms, conditions, and rates of PJM's Tariff filed at the Federal Energy Regulatory Commission.

TERMS AND CONDITIONS:

The TCRR-B rates charged under this Tariff Sheet are updated on a seasonal quarterly basis.

Filed pursuant to the Opinion and Order in Case No. 12-426-EL-SSO dated September 6, 2013 of the Public Utilities Commission of Ohio.

Issued _____, 2014

Issued by
DEREK A. PORTER, President

Effective June 1, 2014

THE DAYTON POWER AND LIGHT COMPANY
MacGregor Park
1065 Woodman Drive
Dayton, Ohio 45432

Fifty-Second Revised Sheet No. G2
Cancels
Fifty-First Revised Sheet No. G2
Page 1 of 2

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

<u>Sheet No.</u>	<u>Version</u>	<u>Description</u>	<u>Number of Pages</u>	<u>Tariff Sheet Effective Date</u>
G1	Seventh Revised	Table of Contents	1	January 1, 2014
G2	Fifty-Second Revised	Tariff Index	2	June 1, 2014

RULES AND REGULATIONS

G3	First Revised	Application and Contract for Service	3	January 1, 2014
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

ALTERNATE GENERATION SUPPLIER

G8	Ninth Revised	Alternate Generation Supplier Coordination	30	January 1, 2014
G9	Fourth Revised	Competitive Retail Generation Service	3	January 1, 2014

TARIFFS

G10	Twelfth Revised	Standard Offer Residential	2	January 1, 2014
G11	Twelfth Revised	Standard Offer Residential Heating	2	January 1, 2014
G12	Twenty-Fifth Revised	Standard Offer Secondary	3	January 1, 2014
G13	Twenty-Fifth Revised	Standard Offer Primary	2	January 1, 2014
G14	Ninth Revised	Standard Offer Primary-Substation	2	January 1, 2014
G15	Ninth Revised	Standard Offer High Voltage	3	January 1, 2014
G16	Tenth Revised	Standard Offer Private Outdoor Lighting	3	January 1, 2014
G17	Ninth Revised	Standard Offer School	2	January 1, 2014
G18	Ninth Revised	Standard Offer Street Lighting	4	January 1, 2014
G19	Fourth Revised	Competitive Bidding Rate	2	January 1, 2014
G20	First Revised	Reserved	1	November 2, 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. 12-426-EL-SSO dated September 6, 2013 of the Public Utilities Commission of Ohio.

Issued _____, 2014

Effective June 1, 2014

Issued by
DEREK A. PORTER, President

THE DAYTON POWER AND LIGHT COMPANY
MacGregor Park
1065 Woodman Drive
Dayton, Ohio 45432

Fifty-Second Revised Sheet No. G2
Cancels
Fifty-First Revised Sheet No. G2
Page 2 of 2

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

<u>Sheet No.</u>	<u>Version</u>	<u>Description</u>	<u>Number of Pages</u>	<u>Tariff Sheet Effective Date</u>
<u>RIDERS</u>				
G22	Ninth Revised	Reserved	1	October 22, 2010
G24	Fifth Revised	Reserved	1	January 1, 2014
G25	Third Revised	Reserved	1	January 1, 2014
G26	Fifth Revised	Alternative Energy Rider	1	June 1, 2014
G27	Seventh Revised	PJM RPM Rider	2	June 1, 2014
G28	Nineteenth Revised	FUEL Rider	1	June 1, 2014
G29	Original	Service Stability Rider	2	January 1, 2014
G30	First Revised	Competitive Bid True-Up Rider	1	June 1, 2014

Filed pursuant to the Opinion and Order in Case No. 12-426-EL-SSO dated September 6, 2013 of the Public Utilities Commission of Ohio.

Issued _____, 2014

Issued by
DEREK A. PORTER, President

Effective June 1, 2014

THE DAYTON POWER AND LIGHT COMPANY
MacGregor Park
1065 Woodman Drive
Dayton, Ohio 45432

Seventh Revised Sheet No. G27
Cancels
Sixth Revised Sheet No. G27
Page 1 of 2

P.U.C.O. No. 17
ELECTRIC GENERATION SERVICE
PJM RPM RIDER

DESCRIPTION:

The PJM RPM Rider is intended to compensate The Dayton Power and Light Company for RPM related charges from PJM including, but not limited to: Locational Reliability Charges, Capacity Resource Deficiency, RPM Auction Revenues, Generation Resource Rating Test, and Peak Hour Period Availability.

APPLICABLE:

This Rider will be assessed on a bills-rendered basis beginning June 1, 2014 on Customers taking Standard Offer Generation Service under Tariff Sheet Nos. G10-G19. The PJM RPM Rider does not apply to Customers taking generation service from a Competitive Retail Electric Service (CRES) Provider.

CHARGES:

The following charges will be assessed on a bypassable basis:

Residential

Energy Charge	\$0.0020031 /kWh
---------------	------------------

Residential Heating

Energy Charge	\$0.0020031 /kWh
---------------	------------------

Secondary

Demand Charge	\$0.4460651 per kW for all kW over 5 kW of Billing Demand
Energy Charge	\$0.0029361 per kWh for the first 1,500 kWh

If the Maximum Charge provision contained in Electric Generation Service Tariff Sheet No. G12 applies, the Customer will be charged an energy charge of \$0.0018205 per kWh for all kWh in lieu of the above demand charge.

Primary

Demand Charge	\$0.5530469 /kW
---------------	-----------------

Filed pursuant to the Opinion and Order in Case No. 12-426-EL-SSO dated September 6, 2013 of the Public Utilities Commission of Ohio.

Issued _____, 2014

Issued by
DEREK A. PORTER, President

Effective June 1, 2014

THE DAYTON POWER AND LIGHT COMPANY
MacGregor Park
1065 Woodman Drive
Dayton, Ohio 45432

Seventh Revised Sheet No. G27
Cancels
Sixth Revised Sheet No. G27
Page 2 of 2

P.U.C.O. No. 17
ELECTRIC GENERATION SERVICE
PJM RPM RIDER

If the Maximum Charge provision contained in Electric Generation Service Tariff Sheet No. G13 applies, the Customer will be charged an energy charge of \$0.0048566 per kWh in lieu of the above demand charge.

Primary-Substation

Demand Charge	\$0.5530469 /kW
---------------	-----------------

High Voltage

Demand Charge	\$0.5530469 /kW
---------------	-----------------

Private Outdoor Lighting

9,500 Lumens High Pressure Sodium	\$0.0000000	/lamp/month
28,000 Lumens High Pressure Sodium	\$0.0000000	/lamp/month
7,000 Lumens Mercury	\$0.0000000	/lamp/month
21,000 Lumens Mercury	\$0.0000000	/lamp/month
2,500 Lumens Incandescent	\$0.0000000	/lamp/month
7,000 Lumens Fluorescent	\$0.0000000	/lamp/month
4,000 Lumens PT Mercury	\$0.0000000	/lamp/month

School

Energy Charge	\$0.0020031 /kWh
---------------	------------------

Street Lighting

Energy Charge	\$0.0000000 /kWh
---------------	------------------

All modifications to the PJM RPM Rider are subject to Commission approval.

TERMS AND CONDITIONS:

The PJM RPM Rider rates charged under this Tariff Sheet are updated on a seasonal quarterly basis.

Filed pursuant to the Opinion and Order in Case No. 12-426-EL-SSO dated September 6, 2013 of the Public Utilities Commission of Ohio.

Issued _____, 2014

Issued by
DEREK A. PORTER, President

Effective June 1, 2014

The Dayton Power and Light Company
Case No. 14-0661-EL-RDR
Summary of Proposed Rates
June - August 2014

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

Schedule 1
Page 1 of 1

TCRR-B and PJM RPM Rates

Line (A)	Description (B)	Total (C)	Residential & School (D)	Secondary ¹ (E)	Primary, Primary Sub, High Voltage (F)	Private Outdoor Lighting (G)	Street Lighting (H)	Source (I)
1	Total TCRR-B Projected Costs	\$ 3,875,596						Schedule 1a, Page 1, Line 49
2	Total TCRR-B Reconciliation	\$ 12,274,541						WP1a, Page 1, Col (I), Line 5
3								
4	10% of TCRR-B Base Costs	\$ 387,560						10% of Line 1
5	TCRR-B Deferral transferred to TCRR-N	\$ 11,886,981						Line 2 - Line 4 (see Case No. 14-0358-EL-RDR)
6								
7	TCRR-B Base Rates							
8	Demand (kWh, kW)		\$ (0.0001234)	\$ (0.0353060)	\$ (0.0387394)	\$ -	\$ -	Schedule 1a, Page 1, Line 14
9	Energy (0-1500 kWh)		\$ 0.0041525	\$ 0.0039201	\$ 0.0041525	\$ 0.0041525	\$ 0.0041525	Schedule 1a, Page 1, Line 18 + Line 47
10	Energy (>1500 kWh)		\$ 0.0041525	\$ 0.0041525	\$ 0.0041525	\$ 0.0041525	\$ 0.0041525	Schedule 1a, Page 1, Line 47
11								
12	TCRR-B Reconciliation Rates							
13	Energy (kWh)		\$ 0.0004068	\$ 0.0004068	\$ 0.0004068	\$ 0.0004068	\$ 0.0004068	Schedule 1b, Line 12
14								
15	Total TCRR-B Rates	\$/kW		\$ (0.0353060)	\$ (0.0387394)			
16		\$/kWh for 0-1500 kWh	\$ 0.0044359	\$ 0.0043269	\$ 0.0045593	\$ 0.0045593	\$ 0.0045593	
17		\$/kWh for >1500 kWh	\$ 0.0044359	\$ 0.0045593	\$ 0.0045593	\$ 0.0045593	\$ 0.0045593	
18								
19	Total PJM RPM Projected Costs	\$ 3,030,213						Schedule 1a, Page 2, Line 25
20	Total PJM RPM Reconciliation	\$ (1,260,417)						WP1a, Page 2, Col (I), Line 5
21								
22	PJM RPM Base Rates							
23	Demand (kWh, kW)		\$ 0.0034516	\$ 0.7686221	\$ 0.9529642	\$ -	\$ -	Schedule 1a, Page 2, Line 19
24	Energy 0-1500 kWh			\$ 0.0050593				Schedule 1a, Page 2, Line 23
25								
26	PJM RPM Reconciliation Rates							
27	Demand (kWh, kW)		\$ (0.0014485)	\$ (0.3225570)	\$ (0.3999173)	\$ -	\$ -	Schedule 1b, Line 28
28	Energy 0-1500 kWh			\$ (0.0021232)				Schedule 1b, Line 32
29								
30	Total PJM RPM Rates	\$/kW		\$ 0.4460651	\$ 0.5530469			
31		\$/kWh	\$ 0.0020031	\$ 0.0029361		\$ -	\$ -	

¹ Secondary customers are charged for all kW over 5 kW of Billing Demand

The Dayton Power and Light Company
Case No. 14-0661-EL-RDR
Development of Proposed Base Rates
June - August 2014

Data: Forecasted
Type of Filing: Original
Work Paper Reference No(s): WP1, WP2, WP3, WP4

Schedule 1a
Page 1 of 2

Line (A)	Description (B)	"Current" Cycle Base			Primary, Sub,	Private Outdoor	Street Lighting	Source (I)
		Costs	Residential & School	Secondary ¹	HV	Lighting		
		(C)	(D)	(E)	(F)	(G)		
		WP1, Col (J)						
1	Demand-Based Allocators - 1 CP		65.97%	24.43%	9.61%	0.00%	0.00%	WP3, Col (F)
2								
3	TCRR-B Demand-Based Components							
4	RTO Start-up Cost Recovery - AEP zone Charge	\$ 34	\$ 23	\$ 8	\$ 3	\$ -	\$ -	Col (C) * Line 1
5	ARR Auction Credit	\$ (115,651)	\$ (76,289)	\$ (28,253)	\$ (11,109)	\$ -	\$ -	Col (C) * Line 1
6	Subtotal	\$ (115,617)	\$ (76,267)	\$ (28,244)	\$ (11,106)	\$ -	\$ -	Line 4 + Line 5
7	Gross Revenue Conversion Factor	1.003	1.003	1.003	1.003	1.003	1.003	WP2, Line 4
8	Total Demand-Based Component Cost	\$ (115,964)	\$ (76,496)	\$ (28,329)	\$ (11,139)	\$ -	\$ -	Line 6 * Line 7
9								
10	Portion of Secondary Demand Greater Than 5 kW		NA	63.76%	NA	NA	NA	WP4, Col (G), Line 4 /
11	Demand-Based Component Cost		\$ (76,496)	\$ (18,063)	\$ (11,139)	\$ -	\$ -	(Line 4 + Line 5)
12								Line 8 * Line 10
13	Projected Billing Determinants (kWh, kW)		619,856,780	511,602	287,534	4,185,848	425,955	WP4, Column (G)
14	Demand Portion of TCRR-B Rate		\$ (0.0001234)	\$ (0.0353060)	\$ (0.0387394)	\$ -	\$ -	Line 11 / Line 13
15								
16	Secondary Energy Portion of Demand-Based Component Cost		NA	\$ (10,267)	NA	NA	NA	Line 8 - Line 11
17	Secondary 0-1500 kWh Billing Determinants		619,856,780	44,177,456	287,534	4,185,848	425,955	WP4, Column (G)
18	Secondary 0-1500 kWh TCRR-B Rate		\$ -	\$ (0.0002324)	\$ -	\$ -	\$ -	Line 16 / Line 17
19								
20	Energy-Based Allocators		64.48%	20.00%	15.03%	0.44%	0.04%	WP3, Col (D)
21								
22	TCRR-B Energy-Based Components							
23	Regulation Charge	\$ 263,819	\$ 170,123	\$ 52,772	\$ 39,658	\$ 1,149	\$ 117	Col (C) * Line 20
24	DA Scheduling Reserves Charge	\$ 77,265	\$ 49,824	\$ 15,455	\$ 11,615	\$ 336	\$ 34	Col (C) * Line 20
25	Synchronized (Spinning) Reserves Charge	\$ 56,787	\$ 36,619	\$ 11,359	\$ 8,536	\$ 247	\$ 25	Col (C) * Line 20
26	Non-Synchronized Reserves Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Col (C) * Line 20
27	Operating Reserves- Generation Deviation Charge	\$ 157,004	\$ 101,244	\$ 31,406	\$ 23,601	\$ 684	\$ 70	Col (C) * Line 20
28	Operating Reserves- Load Deviation Charge	\$ 604,998	\$ 390,132	\$ 121,019	\$ 90,944	\$ 2,635	\$ 268	Col (C) * Line 20
29	CT Lost Opportunity Cost Allocation Credit	\$ (441)	\$ (284)	\$ (88)	\$ (66)	\$ (2)	\$ (0)	Col (C) * Line 20
30	Synchronous Condensing Charge	\$ 428	\$ 276	\$ 86	\$ 64	\$ 2	\$ 0	Col (C) * Line 20
31	PJM Annual Membership Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Col (C) * Line 20
32	PJM Default Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Col (C) * Line 20
33	Transmission Congestion Charge/Credit	\$ 408,239	\$ 263,253	\$ 81,661	\$ 61,367	\$ 1,778	\$ 181	Col (C) * Line 20
34	Transmission Losses Charge/Credit	\$ 2,212,692	\$ 1,426,852	\$ 442,609	\$ 332,615	\$ 9,635	\$ 981	Col (C) * Line 20
35	Non-Firm PTP Transmission Service Charge	\$ 396	\$ 255	\$ 79	\$ 59	\$ 2	\$ 0	Col (C) * Line 20
36	FTR Auction Charge/Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Col (C) * Line 20
37	PJM Scheduling - FTR Administration	\$ 2,151	\$ 1,387	\$ 430	\$ 323	\$ 9	\$ 1	Col (C) * Line 20
38	Reactive Services Charge	\$ 178,739	\$ 115,259	\$ 35,753	\$ 26,868	\$ 778	\$ 79	Col (C) * Line 20
39	Other Supporting Facilities Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Col (C) * Line 20
40	Real-Time Economic Load Response Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Col (C) * Line 20
41	Emergency Load Response Charge	\$ 17,544	\$ 11,313	\$ 3,509	\$ 2,637	\$ 76	\$ 8	Col (C) * Line 20
42	Subtotal	\$ 3,979,620	\$ 2,566,254	\$ 796,052	\$ 598,222	\$ 17,330	\$ 1,763	Sum (Line 23 thru 41)
43	Gross Revenue Conversion Factor	1.003	1.003	1.003	1.003	1.003	1.003	WP2, Line 4
44	Total Energy-Based Components Cost	\$ 3,991,559	\$ 2,573,953	\$ 798,440	\$ 600,016	\$ 17,382	\$ 1,769	Line 42 * Line 43
45								
46	Projected Billing Determinants (kWh)		619,856,780	192,279,494	144,495,305	4,185,848	425,955	WP4, Column (G)
47	Energy Portion of TCRR-B Rate		\$ 0.0041525	\$ 0.0041525	\$ 0.0041525	\$ 0.0041525	\$ 0.0041525	Line 44 / Line 46
48								
49	Total Base TCRR-B Component Cost	\$ 3,875,596						Line 8 + Line 44

¹ Secondary customers are charged for all kW over 5 kW of Billing Demand

The Dayton Power and Light Company
Case No. 14-0661-EL-RDR
Development of Proposed Base Rates
June - August 2014

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s): WP1, WP2, WP3, WP4

Schedule 1a

Page 2 of 2

Line (A)	Description (B)	"Current" Cycle Base		Primary,		Private Outdoor		Source (I)
		Costs	Residential & School	Secondary ¹	HV	Lighting	Street Lighting	
		(C)	(D)	(E)	(F)	(G)	(H)	
		WP1, Col (J)						
1	RPM-Based Allocators - 5 CP		70.60%	20.35%	9.04%	0.00%	0.00%	WP3, Col (J)
2								
3	RPM Demand-Based Components							
4	RPM Auction Charge/Credit	\$ (7,254,634)	\$ (5,122,100)	\$ (1,476,527)	\$ (656,007)	\$ -	\$ -	Col (C) * Line 1
5	Locational Reliability Charge	\$ 10,275,784	\$ 7,255,169	\$ 2,091,418	\$ 929,197	\$ -	\$ -	Col (C) * Line 1
6	DR & ILR Compliance Penalty Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Col (C) * Line 1
7	Capacity Resource Deficiency Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Col (C) * Line 1
8	Generation Resource Rating Test Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Col (C) * Line 1
9	Peak Hour Period Availability Charge/Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Col (C) * Line 1
10	Load Management Test Failure Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Col (C) * Line 1
11	Subtotal	\$ 3,021,150	\$ 2,133,069	\$ 614,891	\$ 273,190	\$ -	\$ -	Sum (Line 4 thru 10)
12	Gross Revenue Conversion Factor	1.003	1.003	1.003	1.003	1.003	1.003	WP2, Line 4
13	Total Demand-Based Component Cost	\$ 3,030,213	\$ 2,139,468	\$ 616,736	\$ 274,010	\$ -	\$ -	Line 11 * Line 12
14								
15	Portion of Secondary Demand Greater Than 5 kW		NA	63.76%	NA	NA	NA	Page 1, Col (E), Line 10
16	Demand-Based Component Cost		\$ 2,139,468	\$ 393,228	\$ 274,010	\$ -	\$ -	Line 13 * Line 15
17								
18	Projected Billing Determinants (kWh, kW)		619,856,780	511,602	287,534	4,185,848	425,955	WP4, Column (G)
19	Demand Portion of PJM RPM Rate		\$ 0.0034516	\$ 0.7686221	\$ 0.9529642	\$ -	\$ -	Line 16 / Line 18
20								
21	Secondary Energy Portion of Demand-Based Component Cost		NA	\$ 223,507	NA	NA	NA	Line 13 - Line 16
22	Secondary 0-1500 kWh Billing Determinants		619,856,780	44,177,456	287,534	4,185,848	425,955	WP4, Column (G)
23	Secondary 0-1500 kWh PJM RPM Rate		\$ -	\$ 0.0050593	\$ -	\$ -	\$ -	Line 21 / Line 22
24								
25	Total Base PJM RPM Component Cost	\$ 3,030,213						Line 13

¹ Secondary customers are charged for all kW over 5 kW of Billing Demand

The Dayton Power and Light Company
Case No. 14-0661-EL-RDR
Development of Proposed Reconciliation Rate
June - August 2014

Data: Forecasted
Type of Filing: Original
Work Paper Reference No(s): WP1a, WP2, WP3, WP4

Schedule 1b
Page 1 of 1

Reconciliation TCRR-B and PJM RPM Rate									
Line	Description	(Over) / Under Recovery	Demand/ Energy Ratios	Residential & School	Secondary ¹	Primary, Primary Sub, High Voltage	Private Outdoor Lighting	Street Lighting	Source
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
1	Energy-Based Allocators			64.48%	20.00%	15.03%	0.44%	0.04%	WP3, Col (D)
2									
3	TCRR-B Under Recovery Total	\$ 387,560		\$ 249,917	\$ 77,524	\$ 58,258	\$ 1,688	\$ 172	WP1a, Page 1, Col (C), Line 6
4	<u>TCRR-B Under Recovery of Carrying Costs Total</u>	<u>\$ 2,287</u>		<u>\$ 1,475</u>	<u>\$ 457</u>	<u>\$ 344</u>	<u>\$ 10</u>	<u>\$ 1</u>	WP1a, Page 1, Col (H)
5	TCRR-B Under Recovery Subtotal	\$ 389,847		\$ 251,392	\$ 77,982	\$ 58,602	\$ 1,698	\$ 173	Line 3 + Line 4
6	<u>Gross Revenue Conversion Factor</u>	<u>1.003</u>		<u>1.003</u>	<u>1.003</u>	<u>1.003</u>	<u>1.003</u>	<u>1.003</u>	WP2, Line 4
7	Total TCRR-B Under Recovery	\$ 391,016		\$ 252,146	\$ 78,216	\$ 58,778	\$ 1,703	\$ 173	Line 5 * Line 6
8									
9	Projected Billing Determinants (kWh)			619,856,780	192,279,494	144,495,305	4,185,848	425,955	WP4, Column (G)
10									
11	TCRR-B Reconciliation Rates								
12	Energy Portion of TCRR-B Rate (kWh)			\$ 0.0004068	\$ 0.0004068	\$ 0.0004068	\$ 0.0004068	\$ 0.0004068	Line 7 / Line 9
13									
14	RPM-Based Allocators - 5 CP			70.60%	20.35%	9.04%	0.00%	0.00%	WP3, Col (J)
15									
16	PJM RPM Rider Under Recovery Total	\$ (1,260,417)		\$ (889,911)	\$ (256,531)	\$ (113,974)	\$ -	\$ -	WP1a, Page 2, Col (C), Ln 6
17	<u>PJM RPM Rider Under Recovery of Carrying Costs Total</u>	<u>\$ (7,428)</u>		<u>\$ (5,244)</u>	<u>\$ (1,512)</u>	<u>\$ (672)</u>	<u>\$ -</u>	<u>\$ -</u>	WP1a, Page 2, Col (H)
18	PJM RPM Rider Under Recovery Subtotal	\$ (1,267,844)		\$ (895,155)	\$ (258,043)	\$ (114,646)	\$ -	\$ -	Line 16 + Line 17
19	<u>Gross Revenue Conversion Factor</u>	<u>1.003</u>		<u>1.003</u>	<u>1.003</u>	<u>1.003</u>	<u>1.003</u>	<u>1.003</u>	WP2, Line 4
20	Total PJM RPM Rider Under Recovery	\$ (1,271,648)		\$ (897,841)	\$ (258,817)	\$ (114,990)	\$ -	\$ -	Line 18 * Line 19
21									
22	Portion of Secondary Demand Greater Than 5 kW			NA	63.76%	NA	NA	NA	Schedule 1a, Page 1, Col (E), Line 10
23	Demand-Based Under Recovery			\$ (897,841)	\$ (165,021)	\$ (114,990)	\$ -	\$ -	Line 20 * Line 22
24									
25	Projected Billing Determinants (kWh, kW)			619,856,780	511,602	287,534	4,185,848	425,955	WP4, Column (G)
26									
27	PJM RPM Reconciliation Rates								
28	Demand Portion of PJM RPM Rate (kWh, kW)			\$ (0.0014485)	\$ (0.3225570)	\$ (0.3999173)	\$ -	\$ -	Line 23 / Line 25
29									
30	Secondary Energy Portion of Under Recovery			NA	\$ (93,796)	NA	NA	NA	Line 20 - Line 23
31	Secondary 0-1500 kWh Billing Determinants			619,856,780	44,177,456	287,534	4,185,848	425,955	WP4, Column (G)
32	Secondary 0-1500 kWh PJM RPM Rate			\$ -	\$ (0.0021232)	\$ -	\$ -	\$ -	Line 30 / Line 31

¹ Secondary customers are charged for all kW over 5 kW of Billing Demand

The Dayton Power and Light Company
Case No. 14-0661-EL-RDR
Actual Charges and Revenues
January - March 2014
(Revenue)/Expense in \$

Data: Actual
Type of Filing: Original
Work Paper Reference No(s).: WP1a

Schedule 2
Page 1 of 3

January 2014 - Actual

<u>Line</u> (A)	<u>Description</u> (B)	Total		Jurisdictional		Allocated		Retail	Total
		<u>PJM Bill</u> <u>Charges</u> (C)	<u>PJM Bill</u> <u>Revenues</u> (D)	<u>Charges</u> (E)	<u>Revenues</u> (F)	<u>PJM Bill</u> <u>Charges</u> (G) = (C)*(E)	<u>PJM Bill</u> <u>Revenues</u> (H) = (D)*(F)	<u>Revenues</u> (I)	<u>Net Costs</u> (J) = (G)+(H)+(I)
1	Transmission Cost Recovery Rider - Bypassable (TCRR-B)								
2	TCRR-B Revenue Rider	\$ -	NA	100.0%	NA	\$ -		\$ (1,442,765)	\$ (1,442,765)
3	Regulation	\$ 890,607	NA	41.4%	NA	\$ 368,711			\$ 368,711
4	DA Scheduling Reserves	\$ 472,843	NA	41.4%	NA	\$ 195,757			\$ 195,757
5	Synchronized (Spinning) Reserves	\$ 666,842	NA	41.4%	NA	\$ 276,072			\$ 276,072
6	Non-Synchronized Reserves	\$ 50,396	NA	41.4%	NA	\$ 20,864			\$ 20,864
7	Operating Reserves- Generation Deviation	\$ 1,264,733	NA	27.4%	NA	\$ 346,537			\$ 346,537
8	Operating Reserves- Load Deviation	\$ 3,998,985	NA	41.4%	NA	\$ 1,655,580			\$ 1,655,580
9	CT Loss Opportunity Cost Allocation	NA	\$ (698)	NA	27.4%		\$ (191)		\$ (191)
10	RTO Start-up Cost Recovery - AEP zone	\$ 36	NA	47.7%	NA	\$ 17			\$ 17
11	Synchronous Condensing	\$ 718	NA	41.4%	NA	\$ 297			\$ 297
12	PJM Annual Membership Fee	\$ -	NA	27.4%	NA	\$ -			\$ -
13	PJM Default Charges	\$ -	NA	100.0%	NA	\$ -			\$ -
14	Transmission Congestion	\$ 11,595,826	\$ 791,289	20.6%	29.7%	\$ 2,388,740	\$ 234,811		\$ 2,623,551
15	Transmission Losses	\$ 15,605,355	\$ (1,845,470)	27.4%	41.4%	\$ 4,275,867	\$ (764,024)		\$ 3,511,843
16	Non-Firm PTP Transmission Service	\$ 234	NA	27.4%	NA	\$ 64			\$ 64
17	FTR Auction	\$ 49,139	\$ -	29.7%	29.7%	\$ 14,582	\$ -		\$ 14,582
18	ARR Auction	NA	\$ (141,493)	NA	35.8%		\$ (50,589)		\$ (50,589)
19	PJM Scheduling - FTR Administration	\$ 2,179	NA	41.4%		\$ 902			\$ 902
20	Reactive Services	\$ (19,780)	NA	41.4%	NA	\$ (8,189)			\$ (8,189)
21	Other Supporting Facilities	\$ 11	NA	41.4%	NA	\$ 5			\$ 5
22	Real-Time Economic Load Response	\$ -	NA	41.4%	NA	\$ -			\$ -
23	Emergency Load Response	\$ 330	\$ -	41.4%	41.4%	\$ 137			\$ 137
24	SubTotal	\$ 34,578,455	\$ (1,196,371)			\$ 9,535,944	\$ (579,994)	\$ (1,442,765)	\$ 7,513,185
25	TCRR-B Deferral carrying costs (WP1a)								\$ 22,947
26									
27	Total TCRR-B including carrying costs	\$ 34,578,455	\$ (1,196,371)			\$ 9,535,944	\$ (579,994)	\$ (1,442,765)	\$ 7,536,132
28									
29	Reliability Pricing Model (RPM) Rider								
30	RPM Revenue Rider		NA	100.0%	NA	\$ -		\$ (707,471)	\$ (707,471)
31	RPM Auction	\$ 25,451	\$ (2,351,364)	27.4%	27.4%	\$ 6,974	\$ (644,274)		\$ (637,300)
32	Locational Reliability	\$ 2,003,867	NA	47.7%	NA	\$ 955,281			\$ 955,281
33	DR & ILR Compliance Penalty	NA	\$ (41,489)	NA	47.7%		\$ (19,778)		\$ (19,778)
34	Capacity Resource Deficiency	NA	\$ (23,215)	NA	47.7%		\$ (11,067)		\$ (11,067)
35	Generation Resource Rating Test	NA	\$ -	NA	47.7%		\$ -		\$ -
36	Peak Hour Period Availability	\$ -	\$ -	27.4%	27.4%	\$ -	\$ -		\$ -
37	Load Management Test Failure	NA	\$ (567)	NA	47.7%		\$ (270)		\$ (270)
38	SubTotal	\$ 2,029,318	\$ (2,416,635)			\$ 962,254	\$ (675,389)	\$ (707,471)	\$ (420,606)
39	PJM RPM Deferral carrying costs (WP1a)								\$ (2,904)
40									
41	Total PJM RPM including carrying costs	\$ 2,029,318	\$ (2,416,635)			\$ 962,254	\$ (675,389)	\$ (707,471)	\$ (423,510)

The Dayton Power and Light Company
Case No. 14-0661-EL-RDR
Actual Charges and Revenues
January - March 2014
(Revenue)/Expense in \$

Data: Actual
Type of Filing: Original
Work Paper Reference No(s).: WP1a

Schedule 2
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February 2014 - Actual

Line (A)	Description (B)	Total		Jurisdictional Allocation Factors		Allocated		Retail Revenues (I)	Total Net Costs (J) = (G)+(H)+(I)
		PJM Bill Charges (C)	PJM Bill Revenues (D)	Charges (E)	Revenues (F)	PJM Bill Charges (G) = (C)*(E)	PJM Bill Revenues (H) = (D)*(F)		
42	Transmission Cost Recovery Rider - Bypassable (TCRR-B)								
43	TCRR-B Revenue Rider	\$ -	NA	100.0%	NA	\$ -		\$ (1,443,687)	\$ (1,443,687)
44	Regulation	\$ 371,446	NA	41.0%	NA	\$ 152,293			\$ 152,293
45	DA Scheduling Reserves	\$ 3,644	NA	41.0%	NA	\$ 1,494			\$ 1,494
46	Synchronized (Spinning) Reserves	\$ 63,092	NA	41.0%	NA	\$ 25,868			\$ 25,868
47	Non-Synchronized Reserves	\$ 10,355	NA	41.0%	NA	\$ 4,245			\$ 4,245
48	Operating Reserves- Generation Deviation	\$ 206,165	NA	27.2%	NA	\$ 56,077			\$ 56,077
49	Operating Reserves- Load Deviation	\$ 364,532	NA	41.0%	NA	\$ 149,458			\$ 149,458
50	CT Loss Opportunity Cost Allocation	NA	\$ (630)	NA	27.2%		\$ (171)		\$ (171)
51	RTO Start-up Cost Recovery - AEP zone	\$ 32	NA	47.4%	NA	\$ 15			\$ 15
52	Synchronous Condensing	\$ -	NA	41.0%	NA	\$ -			\$ -
53	PJM Annual Membership Fee	\$ -	NA	27.2%	NA	\$ -			\$ -
54	PJM Default Charges	\$ -	NA	100.0%	NA	\$ -			\$ -
55	Transmission Congestion	\$ 2,904,439	\$ (170,421)	20.4%	29.4%	\$ 592,506	\$ (50,088)		\$ 542,418
56	Transmission Losses	\$ 7,121,974	\$ (817,620)	27.2%	41.0%	\$ 1,937,177	\$ (335,224)		\$ 1,601,953
57	Non-Firm PTP Transmission Service	\$ 226	NA	27.2%	NA	\$ 62			\$ 62
58	FTR Auction	\$ 37,009	\$ -	29.4%	29.4%	\$ 10,877	\$ -		\$ 10,877
59	ARR Auction	NA	\$ (127,621)	NA	35.5%		\$ (45,325)		\$ (45,325)
60	PJM Scheduling - FTR Administration	\$ 1,975	NA	41.0%		\$ 810			\$ 810
61	Reactive Services	\$ (290,303)	NA	41.0%	NA	\$ (119,024)			\$ (119,024)
62	Other Supporting Facilities	\$ (1,435)	NA	41.0%	NA	\$ (588)			\$ (588)
63	Real-Time Economic Load Response	\$ -	NA	41.0%	NA	\$ -			\$ -
64	Emergency Load Response	\$ 88	\$ -	41.0%	41.0%	\$ 36			\$ 36
65	SubTotal	\$ 10,793,241	\$ (1,116,292)			\$ 2,811,305	\$ (430,808)	\$ (1,443,687)	\$ 936,811
66	TCRR-B Deferral carrying costs (WP1a)								\$ 40,445
67									
68	Total TCRR-B including carrying costs	\$ 10,793,241	\$ (1,116,292)			\$ 2,811,305	\$ (430,808)	\$ (1,443,687)	\$ 977,256
69									
70	Reliability Pricing Model (RPM) Rider								
71	RPM Revenue Rider		NA	100.0%	NA	\$ -		\$ (699,325)	\$ (699,325)
72	RPM Auction	\$ 22,988	\$ (2,123,812)	27.2%	27.2%	\$ 6,253	\$ (577,677)		\$ (571,424)
73	Locational Reliability	\$ 1,808,168	NA	47.4%	NA	\$ 856,232			\$ 856,232
74	DR & ILR Compliance Penalty	NA	\$ (23,047)	NA	47.4%		\$ (10,913)		\$ (10,913)
75	Capacity Resource Deficiency	NA	\$ (31,211)	NA	47.4%		\$ (14,780)		\$ (14,780)
76	Generation Resource Rating Test	NA	\$ -	NA	47.4%		\$ -		\$ -
77	Peak Hour Period Availability	\$ -	\$ -	27.2%	27.2%	\$ -	\$ -		\$ -
78	Load Management Test Failure	NA	\$ (512)	NA	47.4%		\$ (242)		\$ (242)
79	SubTotal	\$ 1,831,156	\$ (2,178,582)			\$ 862,485	\$ (603,612)	\$ (699,325)	\$ (440,452)
80	PJM RPM Deferral carrying costs (WP1a)								\$ (4,690)
81									
82	Total PJM RPM including carrying costs	\$ 1,831,156	\$ (2,178,582)			\$ 862,485	\$ (603,612)	\$ (699,325)	\$ (445,142)

The Dayton Power and Light Company
Case No. 14-0661-EL-RDR
Actual Charges and Revenues
January - March 2014
(Revenue)/Expense in \$

Data: Actual
Type of Filing: Original
Work Paper Reference No(s).: WP1a

Schedule 2
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March 2014 - Estimate

<u>Line</u> (A)	<u>Description</u> (B)	Total		Jurisdictional		Allocated		Retail	Total
		<u>PJM Bill</u> <u>Charges</u> (C)	<u>PJM Bill</u> <u>Revenues</u> (D)	<u>Charges</u> (E)	<u>Revenues</u> (F)	<u>PJM Bill</u> <u>Charges</u> (G) = (C)*(E)	<u>PJM Bill</u> <u>Revenues</u> (H) = (D)*(F)	<u>Revenues</u> (I)	<u>Net Costs</u> (J) = (G)+(H)+(I)
83	Transmission Cost Recovery Rider - Bypassable (TCRR-B)								
84	TCRR-B Revenue Rider	\$ -	NA	100.0%	NA	\$ -		\$ (1,204,289)	\$ (1,204,289)
85	Regulation	\$ 520,622	NA	39.7%	NA	\$ 206,687			\$ 206,687
86	DA Scheduling Reserves	\$ 2,666	NA	39.7%	NA	\$ 1,058			\$ 1,058
87	Synchronized (Spinning) Reserves	\$ 120,329	NA	39.7%	NA	\$ 47,771			\$ 47,771
88	Non-Synchronized Reserves	\$ 25,097	NA	39.7%	NA	\$ 9,964			\$ 9,964
89	Operating Reserves- Generation Deviation	\$ 941,792	NA	28.5%	NA	\$ 268,411			\$ 268,411
90	Operating Reserves- Load Deviation	\$ 2,256,764	NA	39.7%	NA	\$ 895,935			\$ 895,935
91	CT Loss Opportunity Cost Allocation	NA	\$ (698)	NA	28.5%		\$ (199)		\$ (199)
92	RTO Start-up Cost Recovery - AEP zone	\$ 36	NA	47.1%	NA	\$ 17			\$ 17
93	Synchronous Condensing	\$ 2	NA	39.7%	NA	\$ 1			\$ 1
94	PJM Annual Membership Fee	\$ -	NA	28.5%	NA	\$ -			\$ -
95	PJM Default Charges	\$ -	NA	100.0%	NA	\$ -			\$ -
96	Transmission Congestion	\$ 3,071,333	\$ (570,388)	21.4%	28.5%	\$ 657,265	\$ (162,480)		\$ 494,785
97	Transmission Losses	\$ 5,364,938	\$ (700,149)	28.5%	39.7%	\$ 1,529,007	\$ (277,959)		\$ 1,251,048
98	Non-Firm PTP Transmission Service	\$ -	NA	28.5%	NA	\$ -			\$ -
99	FTR Auction	\$ 44,965	\$ -	28.5%	28.5%	\$ 12,809	\$ -		\$ 12,809
100	ARR Auction	NA	\$ (140,574)	NA	35.3%		\$ (49,633)		\$ (49,633)
101	PJM Scheduling - FTR Administration	\$ 1,893	NA	39.7%		\$ 752			\$ 752
102	Reactive Services	\$ 1,228	NA	39.7%	NA	\$ 487			\$ 487
103	Other Supporting Facilities	\$ 12	NA	39.7%	NA	\$ 5			\$ 5
104	Real-Time Economic Load Response	\$ -	NA	39.7%	NA	\$ -			\$ -
105	Emergency Load Response	\$ 142,692	\$ -	39.7%	39.7%	\$ 56,649			\$ 56,649
106	SubTotal	\$ 12,494,368	\$ (1,411,808)			\$ 3,686,817	\$ (490,271)	\$ (1,204,289)	\$ 1,992,257
107	TCRR-B Deferral carrying costs (WP1a)								\$ 46,644
108									
109	Total TCRR-B including carrying costs	\$ 12,494,368	\$ (1,411,808)			\$ 3,686,817	\$ (490,271)	\$ (1,204,289)	\$ 2,038,901
110									
111	Reliability Pricing Model (RPM) Rider								
112	RPM Revenue Rider		NA	100.0%	NA	\$ -		\$ (583,456)	\$ (583,456)
113	RPM Auction	\$ 25,451	\$ (2,351,364)	28.5%	28.5%	\$ 7,254	\$ (670,139)		\$ (662,885)
114	Locational Reliability	\$ 1,992,734	NA	47.1%	NA	\$ 938,113			\$ 938,113
115	DR & ILR Compliance Penalty	NA	\$ -	NA	47.1%		\$ -		\$ -
116	Capacity Resource Deficiency	NA	\$ (37,200)	NA	47.1%		\$ (17,512)		\$ (17,512)
117	Generation Resource Rating Test	NA	\$ -	NA	47.1%		\$ -		\$ -
118	Peak Hour Period Availability	\$ -	\$ -	28.5%	28.5%	\$ -	\$ -		\$ -
119	Load Management Test Failure	NA	\$ (564)	NA	47.1%		\$ (266)		\$ (266)
120	SubTotal	\$ 2,018,185	\$ (2,389,127)			\$ 945,366	\$ (687,916)	\$ (583,456)	\$ (326,006)
121	PJM RPM Deferral carrying costs (WP1a)								\$ (6,287)
122									
123	Total PJM RPM including carrying costs	\$ 2,018,185	\$ (2,389,127)			\$ 945,366	\$ (687,916)	\$ (583,456)	\$ (332,293)

The Dayton Power and Light Company
Case No. 14-0661-EL-RDR
Projected Charges and Revenues
June - August 2014
(Revenue)/Expense in \$

Data: Forecasted
Type of Filing: Original
Work Paper Reference No(s): WP1a

Workpaper 1
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Line (A)	Description (B)	June 2014		July 2014		August 2014		Jun - Aug 2014
		Allocated PJM Bill Charges (C)	PJM Bill Revenues (D)	Allocated PJM Bill Charges (E)	PJM Bill Revenues (F)	Allocated PJM Bill Charges (G)	PJM Bill Revenues (H)	Total Net Costs (J) = sum (C) thru (H)
1	Transmission Cost Recovery Rider - Bypassable (TCRR-B) Components							
2	Regulation	\$ 76,642		\$ 100,165		\$ 87,012		\$ 263,819
3	Day-Ahead Scheduling Reserves	\$ 24,594		\$ 26,841		\$ 25,830		\$ 77,265
4	Synchronized (Spinning) Reserves	\$ 18,076		\$ 19,727		\$ 18,984		\$ 56,787
5	Non-Synchronized Reserves	\$ -		\$ -		\$ -		\$ -
6	Operating Reserves- Generation Deviation	\$ 49,030		\$ 55,339		\$ 52,635		\$ 157,004
7	Operating Reserves- Load Deviation	\$ 192,576		\$ 210,173		\$ 202,249		\$ 604,998
8	CT Loss Opportunity Cost Allocation		\$ (146)		\$ (150)		\$ (144)	\$ (441)
9	RTO Start-up Cost Recovery - AEP zone	\$ 12		\$ 11		\$ 11		\$ 34
10	Synchronous Condensing	\$ 136		\$ 149		\$ 142		\$ 428
11	PJM Annual Membership Fee	\$ -		\$ -		\$ -		\$ -
12	PJM Default Charges	\$ -		\$ -		\$ -		\$ -
13	Transmission Congestion	\$ 146,668	\$ (19,183)	\$ 165,541	\$ (21,651)	\$ 157,450	\$ (20,587)	\$ 408,239
14	Transmission Losses	\$ 788,762	\$ (154,844)	\$ 1,062,966	\$ (202,995)	\$ 906,771	\$ (187,969)	\$ 2,212,692
15	Non-Firm PTP Transmission Service	\$ 133		\$ 132		\$ 130		\$ 396
16	FTR Auction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	ARR Auction		\$ (38,504)		\$ (39,008)		\$ (38,139)	\$ (115,651)
18	PJM Scheduling - FTR Administration	\$ 719		\$ 735		\$ 697		\$ 2,151
19	Reactive Services	\$ 56,917		\$ 62,406		\$ 59,416		\$ 178,739
20	Other Supporting Facilities	\$ -		\$ -		\$ -		\$ -
21	Real-Time Economic Load Response	\$ -		\$ -		\$ -		\$ -
22	Emergency Load Response	\$ 5,584		\$ 6,095		\$ 5,865		\$ 17,544
23	SubTotal	\$ 1,359,849	\$ (212,677)	\$ 1,710,282	\$ (263,803)	\$ 1,517,192	\$ (246,839)	\$ 3,864,004
24	TCRR-B Deferral carrying costs (WP1a)		\$ 1,223		\$ 745		\$ 319	\$ 2,287
25								
26	Total TCRR-B including carrying costs	\$ 1,359,849	\$ (211,454)	\$ 1,710,282	\$ (263,058)	\$ 1,517,192	\$ (246,520)	\$ 3,866,291
27								
28	Reliability Pricing Model (RPM) Rider Components							
29	RPM Auction	\$ -	\$ (2,359,351)	\$ -	\$ (2,490,563)	\$ -	\$ (2,404,719)	\$ (7,254,634)
30	Locational Reliability	\$ 3,397,923		\$ 3,481,539		\$ 3,396,322		\$ 10,275,784
31	DR & ILR Compliance Penalty		\$ -		\$ -		\$ -	\$ -
32	Capacity Resource Deficiency		\$ -		\$ -		\$ -	\$ -
33	Generation Resource Rating Test		\$ -		\$ -		\$ -	\$ -
34	Peak Hour Period Availability	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
35	Load Management Test Failure		\$ -		\$ -		\$ -	\$ -
36	SubTotal	\$ 3,397,923	\$ (2,359,351)	\$ 3,481,539	\$ (2,490,563)	\$ 3,396,322	\$ (2,404,719)	\$ 3,021,150
37	PJM RPM Deferral carrying costs (WP1a)		\$ (4,181)		\$ (2,419)		\$ (829)	\$ (7,428)
38								
39	Total PJM RPM Rider including carrying costs	\$ 3,397,923	\$ (2,363,532)	\$ 3,481,539	\$ (2,492,982)	\$ 3,396,322	\$ (2,405,548)	\$ 3,013,722

The Dayton Power and Light Company
Case No. 14-0661-EL-RDR
Calculation of Carrying Costs - TCRR-B
January - August 2014 (Over) / Under Recovery

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference No(s).: None

Workpaper 1a

Page 1 of 2

		MONTHLY ACTIVITY							CARRYING COST CALCULATION		
Line		First of	New	Amount	End of Month		End of		End of	Less:	Total
No.	Period	Month	TCRR-B	Collected	NET	Carrying	Month		Month	One-half Monthly	Applicable to
(A)	(B)	Balance	Charges	(CR)	AMOUNT	Costs @ 4.943%	Balance		Balance	Amount	Carrying Cost
		(C)	(D)	(E)	(F)	(H)	(I)		(J)	(K)	(L)
					(F) = (D) + (E)	(H) = (L) * (COD% / 12)	(I) = (G) + (H)		(J) = (G)	(K) = - (F) * .5	(L) = (J) + (K)
1	Jan-14	1,814,152.80	8,955,949.87	(1,442,764.54)	7,513,185.32	9,327,338.12	22,946.83	9,350,284.95	9,327,338.12	(3,756,592.66)	5,570,745.46
2	Feb-14	9,350,284.95	2,380,497.30	(1,443,686.56)	936,810.74	10,287,095.69	40,444.82	10,327,540.51	10,287,095.69	(468,405.37)	9,818,690.32
3	Mar-14	10,327,540.51	3,196,545.97	(1,204,288.81)	1,992,257.16	12,319,797.67	46,644.08	12,366,441.75	12,319,797.67	(996,128.58)	11,323,669.09
4	Apr-14	12,366,441.75	491,510.00	(569,654.79)	(78,144.80)	12,288,296.96	50,778.49	12,339,075.45	12,288,296.96	39,072.40	12,327,369.35
5	May-14	12,339,075.45	424,654.86	(539,779.28)	(115,124.41)	12,223,951.03	50,589.60	12,274,540.63	12,223,951.03	57,562.21	12,281,513.24
6	Jun-14	387,559.56	1,147,171.28	(1,328,493.85)	(181,322.58)	206,236.98	1,222.97	207,459.95	206,236.98	90,661.29	296,898.27
7	Jul-14	207,459.95	1,446,479.30	(1,499,566.81)	(53,087.51)	154,372.44	745.22	155,117.66	154,372.44	26,543.76	180,916.20
8	Aug-14	155,117.66	1,270,352.97	(1,425,789.46)	(155,436.49)	(318.82)	318.82	0.00	(318.82)	77,718.24	77,399.42

"Current cycle" carrying costs: 2,287.02

* The January 2014 First of Month Balance is 31.9% of the December 2013 TCRR End of Month Balance.

** The June 2014 First of Month Balance reflects 10% of the base costs, as calculated on Schedule 1.

The Dayton Power and Light Company
Case No. 14-0661-EL-RDR
Calculation of Carrying Costs - PJM RPM Rider
January - August 2014 (Over) / Under Recovery

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference No(s).: None

Workpaper 1a

Page 2 of 2

		MONTHLY ACTIVITY							CARRYING COST CALCULATION		
Line		First of	New	Amount	End of Month		End of		End of	Less:	Total
No.	Period	Month	RPM	Collected	NET	before	Month	Carrying	Month	One-half Monthly	Applicable to
(A)	(B)	Balance	Charges	(CR)	AMOUNT	Carrying Cost	Balance	Costs @ 4.943%	Balance	Amount	Carrying Cost
		(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
					(F) = (D) + (E)	(G) = (C) + (F)	(H) = (L) * (COD% / 12)	(I) = (G) + (H)	(J) = (G)	(K) = - (F) * .5	(L) = (J) + (K)
1	Jan-14	(494,733.62)	286,864.96	(707,470.61)	(420,605.65)	(915,339.28)	(2,904.16)	(918,243.44)	(915,339.28)	210,302.83	(705,036.45)
2	Feb-14	(918,243.44)	258,872.54	(699,324.66)	(440,452.11)	(1,358,695.55)	(4,689.55)	(1,363,385.10)	(1,358,695.55)	220,226.06	(1,138,469.50)
3	Mar-14	(1,363,385.10)	257,449.97	(583,455.76)	(326,005.79)	(1,689,390.89)	(6,287.45)	(1,695,678.33)	(1,689,390.89)	163,002.89	(1,526,387.99)
4	Apr-14	(1,695,678.33)	491,836.79	(287,722.58)	204,114.21	(1,491,564.13)	(6,564.39)	(1,498,128.52)	(1,491,564.13)	(102,057.10)	(1,593,621.23)
5	May-14	(1,498,128.52)	516,014.64	(272,632.99)	243,381.65	(1,254,746.87)	(5,669.78)	(1,260,416.65)	(1,254,746.87)	(121,690.82)	(1,376,437.69)
6	Jun-14	(1,260,416.65)	1,038,571.92	(547,564.09)	491,007.83	(769,408.81)	(4,180.59)	(773,589.41)	(769,408.81)	(245,503.92)	(1,014,912.73)
7	Jul-14	(773,589.41)	990,975.53	(618,075.07)	372,900.46	(400,688.95)	(2,418.52)	(403,107.47)	(400,688.95)	(186,450.23)	(587,139.18)
8	Aug-14	(403,107.47)	991,602.32	(587,666.32)	403,936.00	828.53	(828.53)	(0.00)	828.53	(201,968.00)	(201,139.47)
"Current cycle" carrying costs							(7,427.65)				

The Dayton Power and Light Company
Case No. 14-0661-EL-RDR
Computation of Gross Revenue Conversion Factor

Data: Actual

Type of Filing: Original

Work Paper Reference No(s): None

Workpaper 2

Page 1 of 1

<u>Line</u> (A)	<u>Item Description</u> (B)	<u>Gross Revenues</u> (C)	<u>Source</u> (D)
1	Operating Revenues	100.000%	
2	Less: Commercial Activities Tax (CAT)	0.260%	Current Statutory Rate
3	Percentage of Income After CAT	99.740%	Line 1 - Line 2
4	CAT Tax Gross Revenue Conversion Factor	1.003	Line 1 / Line 3

The Dayton Power and Light Company
Case No. 14-0661-EL-RDR
Summary of Energy and Demand Usage by Tariff Class
Allocation Factors

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s).: None

Workpaper 3

Page 1 of 1

<u>Line</u>	<u>Tariff Class</u>	<u>3 Month Average</u>	<u>% of Total</u>	<u>1 Coincident Peak</u>	<u>% of Total</u>	<u>12 Coincident Peak</u>	<u>% of Total</u>	<u>5 Peak Days (PJM)</u>	<u>% of Total</u>
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
1	Tariff Class								
2	Residential & School	206,618,927	64.48%	619,003	65.97%	488,604	70.45%	655,417	70.60%
3	Secondary	64,093,165	20.00%	229,240	24.43%	132,115	19.05%	188,934	20.35%
4	Total Prim, Prim Sub & HV	48,165,102	15.03%	90,136	9.61%	71,181	10.26%	83,942	9.04%
5	Private Outdoor Lighting	1,395,283	0.44%	0	0.00%	1,553	0.22%	0	0.00%
6	Street Lighting	141,985	0.04%	0	0.00%	142	0.02%	0	0.00%
7	Total	320,414,461	100%	938,379	100%	693,594	100%	928,293	100%

The Dayton Power and Light Company
Case No. 14-0661-EL-RDR
Projected Monthly Billing Determinants
June - August 2014
kWh / kW

Data: Forecasted

Type of Filing: Original

Work Paper Reference No(s): None

Workpaper 4

Page 1 of 1

<u>Line</u> (A)	<u>Tariff Class</u> (B)	<u>Units</u> (C)	2014 Forecast			Total <u>Jun - Aug 2014</u> (G) = Sum (D) thru (F)
			<u>Jun</u> (D)	<u>Jul</u> (E)	<u>Aug</u> (F)	
1	Residential & School	kWh	187,511,126	224,587,797	207,757,857	619,856,780
2	Secondary ¹	0-1500 kWh	15,198,681	14,472,618	14,506,157	44,177,456
3		>1500 kWh	48,656,372	50,683,525	48,762,141	148,102,038
4		0-5 kW	104,382	93,104	93,303	290,790
5		>5 kW	181,218	166,773	163,611	511,602
6	Total Prim, Prim Sub & HV	kWh	47,176,090	47,628,565	49,690,650	144,495,305
7		kW	94,123	97,728	95,683	287,534
8	Private Outdoor Lighting	kWh	1,516,161	1,342,633	1,327,054	4,185,848
9	Streetlighting	kWh	<u>141,598</u>	<u>142,281</u>	<u>142,076</u>	425,955
10		Total kWh	300,200,028	338,857,419	322,185,935	961,243,382
11		Total kW	275,341	264,502	259,294	799,136

¹ Secondary customers are charged for all kW over 5 kW of Billing Demand

The Dayton Power and Light Company
Case No. 14-0661-EL-RDR
TCRR-B Rate - Calculation of Private Outdoor Lighting Charges

Data: Forecasted

Type of Filing: Revised

Work Paper Reference No(s): None

Workpaper 5

Page 1 of 1

Line	Description	kWh / Fixture	Jun - Aug '14	Source
(A)	(B)	(C)	(D)	(E)
1	Private Outdoor Lighting Rate (\$/kWh)		\$0.0045593	Schedule 1
2				
3	Private Outdoor Lighting Charge (\$/Fixture/Month)			
4	9500 Lumens High Pressure Sodium	39	\$0.1778127	Line 1 * Col (C) Line 4
5	28000 Lumens High Pressure Sodium	96	\$0.4376928	Line 1 * Col (C) Line 5
6	7000 Lumens Mercury	75	\$0.3419475	Line 1 * Col (C) Line 6
7	21000 Lumens Mercury	154	\$0.7021322	Line 1 * Col (C) Line 7
8	2500 Lumens Incandescent	64	\$0.2917952	Line 1 * Col (C) Line 8
9	7000 Lumens Fluorescent	66	\$0.3009138	Line 1 * Col (C) Line 9
10	4000 Lumens PT Mercury	43	\$0.1960499	Line 1 * Col (C) Line 10

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in

Case No(s). 14-0661-EL-RDR

Summary: Tariff Revised, PUCO Tariff No. 17, updated schedules to reflect proposed Transmission Cost Recovery Rider - Bypassable and PJM RPM Rider rates effective June 1, 2014 electronically filed by Mrs. Claire E Hale on behalf of The Dayton Power & Light Company