

# Large Filing Separator Sheet

Case Number: 17-32-EL-AIR  
17-33-EL-ATA  
17-34-EL-AAM

Date Filed: 3/2/2017

Section 1 OF 22

Number of Pages: 58

Description of Document: Application



155 East Broad Street  
20<sup>th</sup> Floor  
Columbus, Ohio, 43215  
o: 614-222-1334  
f: 614-222-1337

RECEIVED-DOCKETING DIV.

2017 MAR -2 PM 4:11

PUCO

March 2, 2017

Barcy McNeal  
Secretary, Docketing Division  
Public Utilities Commission of Ohio  
180 East Broad St, 11<sup>th</sup> Floor  
Columbus OH 43215

Re: In the Matter of the Application of Duke Energy Ohio, Inc., for an Increase in Electric Distribution Rates., PUCO Case No.'s 17-32-EL-AIR, 17-33-EL-ATA, 17-34-EL-AAM

Dear Barcy:

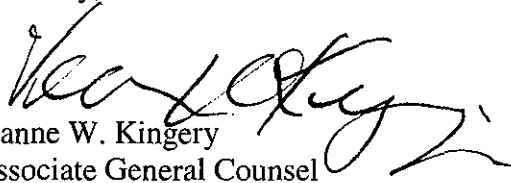
Duke Energy Ohio, Inc., is, today, filing its application in the above-referenced case numbers.

With this letter, we are providing:

- One original, unbound copy of Volumes 1 through 13.
- Five computer disks, each of which contains the entire application.
- Ten bound copies of Volumes 1 through 13.

Please contact the undersigned with any questions.

Sincerely,

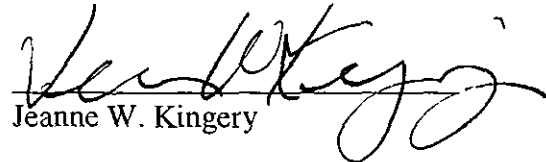
  
Jeanne W. Kingery  
Associate General Counsel

Cc: Nicholas Walstra  
Service List

This is to certify that the images appearing are an accurate and complete reproduction of a case file document delivered in the regular course of business.  
Technician Am Date Processed 3/3/17

## CERTIFICATE OF SERVICE

The undersigned certifies that notification of the filing of the foregoing document is being made upon the persons listed below via electronic mail, this 2<sup>nd</sup> day of March, 2017, together with a copy of the application without attachments. An electronic copy of the entire filing will be provided upon request.

  
Jeanne W. Kingery

Steven L. Beeler  
Robert A. Eubanks  
Assistant Attorneys General  
Public Utilities Section  
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### **Counsel for Industrial Energy Users- Ohio**

**BEFORE**

**THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of )  
Duke Energy Ohio, Inc., for an ) Case No. 17-32-EL-AIR  
Increase in Electric Distribution Rates. )  
  
In the Matter of the Application of )  
Duke Energy Ohio, Inc., for Tariff ) Case No. 17-33-EL-ATA  
Approval. )  
  
In the Matter of the Application of )  
Duke Energy Ohio, Inc., for Approval ) Case No. 17-34-EL-AAM  
to Change Accounting Methods. )

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**APPLICATION OF DUKE ENERGY OHIO, INC.**

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TO THE HONORABLE  
PUBLIC UTILITIES COMMISSION OF OHIO:

1. Duke Energy Ohio, Inc., (Duke Energy Ohio or Company) is an Ohio corporation engaged in the business of supplying electric service to over 700,000 customers in southwestern Ohio, all of whom will be affected by this Application, and is a public utility as defined by R.C. 4905.02 and R.C. 4905.03.

2. This Application is made pursuant to R.C. 4909.18 and related sections of the Ohio Revised Code for authority to make changes and increases in electric distribution rates applicable in incorporated communities and unincorporated territory within Duke Energy Ohio's entire service area, which includes all or part of Brown, Butler, Clermont, Clinton, Hamilton, Highland, Preble, Montgomery, and Warren Counties in Ohio. The

electric distribution rates that Duke Energy Ohio seeks to change in its tariff, P.U.C.O.

Electric No. 19, are as follows:

- Customer's and Company's Installations, Sheet No. 23;
- Credit and Deposit Provisions; Sheet No. 26;
- Rate RS, Residential Service, Sheet No. 30;
- Rate ORH, Optional Residential Service with Electrical Space Heating, Sheet No. 31;
- Rate TD, Optional Time-of-Day Rate, Sheet No. 33;
- Rate CUR, Common Use Residential Service, Sheet No. 34;
- Rate RS3P, Residential Three-Phase Service, Sheet No. 35;
- Rate RSLI, Residential Service-Low Income, Sheet No. 36;
- Rate DS, Service at Secondary Distribution Voltage, Sheet No. 40;
- Rate GS-FL, Optional Unmetered for Small Fixed Loads, Sheet No. 41;
- Rate EH, Optional Rate for Electric Space Heating, Sheet No. 42;
- Rate DM, Secondary Distribution Service-Small, Sheet No. 43;
- Rate DP, Service at Primary Distribution Voltage, Sheet No. 44;
- Rate SFL-ADPL, Optional Unmetered Rate for Small Fixed Loads Attached Directly to Company's Power Lines, Sheet No. 46;
- Rider NM-H, Net Metering Rider – Hospitals, Sheet No. 47;
- Rider NM, Net Metering Rider, Sheet No. 48;
- Rate TS, Service at Transmission Voltage, Sheet No. 50;
- Rate SL, Street Lighting Service, Sheet No. 60;
- Rate TL, Traffic Lighting Service, Sheet No. 61;
- Rate OL, Outdoor Lighting Service, Sheet No. 62;
- Rate NSU, Street Lighting Service for Non-Standard Units, Sheet No. 63;
- Rate NSP, Private Outdoor Lighting for Non-Standard Units, Sheet No. 64;
- Rate SC, Street Lighting Service - Customer Owned, Sheet No. 65;
- Rate SE, Street Lighting Service Equivalent, Sheet No. 66;
- Rate UOLS, Unmetered Outdoor Lighting Service, Sheet No. 67;
- Rate OL-E, Outdoor Lighting Equipment Installation, Sheet No. 68;
- Rider LM, Load Management Rider, Sheet No. 76;
- Rate RTP, Real Time Pricing Program, Sheet No. 90;
- Charge for Reconnection of Service, Sheet No. 92.

Duke Energy Ohio also proposes the following new tariff schedules:

- Rate LED, LED Outdoor Lighting Electric Service, Sheet No. 69.
  - To provide any customer with the ability to obtain lighting for outdoor roadway and other land use areas with Company-

owned, pole-mounted, automatically controlled, LED technology fixtures, using unmetered electric service based on the calculated annual energy usage for each luminaire's lamp wattage plus ballast usage, as well as the number of lamps and other LED system particulars, as will be set forth in a written agreement between the customer and Company.

- Regulatory Mandates Rider (Rider RMR).
  - To provide the Company with timely recovery of costs to comply with legislative or regulatory mandates.

3. Duke Energy Ohio requests that the rates established in this proceeding be effective for the first billing cycle of January 2018, for all of its customers.

4. The Notice of Intent to file was served upon the Public Utilities Commission of Ohio (Commission) and the mayors and legislative authorities of each municipality affected by this Application on January 31, 2017, pursuant to R.C. 4909.43(B) and in compliance with the Commission's Standard Filing Requirements set forth in O.A.C. 4901-7-01.

5. Duke Energy Ohio proposes a test year consisting of the twelve-month period ending March 31, 2017, and a date certain for property valuation of June 30, 2016. The Commission authorized the Company's test year and date certain, as proposed.

6. Duke Energy Ohio estimates that the rate changes proposed herein, if granted in full, would increase revenues by approximately \$15.4 million or less than 1 percent, annually, over the test period revenues generated from providing electric service to customers.

7. Duke Energy Ohio's primary reason for filing this Application is its prior agreement that it would file a based electric distribution rate case within one year of a Commission Staff finding that the Company had completed its deployment of SmartGrid, so that the revenue requirement, including savings, for that deployment would be incorporated into base rates.<sup>1</sup> Such initial deployment has been completed. Thus, the Company seeks to incorporate the SmartGrid revenue requirement into base rates.

8. As part of this Application, and under the authority of R.C. 4909.18, Duke Energy Ohio is seeking to extend its Rider DCI, modify the costs recoverable thereunder, and adjust the basis for the rider's calculation. Duke Energy Ohio believes a progressive regulatory treatment of distribution investment continues to be necessary in light of the ever-increasing costs to enhance the electric distribution system and maintain its reliability without undermining the utility's ability to earn a fair and reasonable rate of return. Continuation of Rider DCI, as proposed in these proceedings, will enable Duke Energy Ohio to further the public interest through the incorporation of innovative technologies and related investments. As proposed, Rider DCI will continue to be structured to recover a return on incremental capital investment and the associated depreciation and property tax expense for investment in the Company's distribution system that is not otherwise recovered through base rates or other riders. All of the Company's investment in distribution facilities through June 30, 2016, (the date certain) will have been incorporated into base rates upon approval of this Application by the Commission; therefore, future Rider DCI calculations will compare incremental investment to the rate base as of June 30,

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<sup>1</sup> *In the Matter of the Application of Duke Energy Ohio, Inc., to Adjust Rider DR-IM and Rider AU for 2010 SmartGrid Costs and Mid-Deployment Review*, Case No. 10-2326-GE-RDR, Stipulation and Recommendation, at pg. 7 (February 24, 2012).

2016, the date certain being used in these proceedings.

9. The net impact of incorporating the investment and revenue requirement under SmartGrid and Rider DCI, all else being equal, is zero.

10. Duke Energy Ohio is also filing this Application in order to generate sufficient revenues to pay its distribution-related operating expenses, including taxes and depreciation; to service its debt; and to provide an adequate rate of return on its property used and useful in the rendition of electric distribution service to its customers.

11. The Company's current rates, authorized by the Commission in Case No. 12-1682-EL-AIR, *et al.*, are based on a date certain of March 31, 2012, and on an accounting test year of the twelve months ended December 31, 2012. Since the date certain in the prior case, the investment in property used and useful in the rendition of electric distribution service to the customers affected by this Application has materially increased. As a result, the current rates are projected to provide a 7.08 percent rate of return on rate base for the proposed test period. This is substantially below the 7.73 percent return found reasonable for Duke Energy Ohio by the Commission in the Company's last electric distribution rate proceeding. Duke Energy Ohio is the provider of last resort for all of the Company's retail electric customers, thus necessitating its incurring of unavoidable costs in order to perform that function.<sup>2</sup> The Company submits that an overall return of 7.82 percent, which includes a 10.4 percent return on equity, is fair and reasonable to allow full recovery for statutory obligations imposed upon Duke Energy Ohio, as an electric distribution utility.

12. Another reason for the filing of this Application is to obtain Commission approval of proposals that will enable continued advances in the technology necessary to

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<sup>2</sup> *Indus. Energy Users-Ohio v. PUC*, 117 Ohio St.3d 486, 493, 2008-Ohio-990 at ¶32, 885 N.E.2d 195, 202.



allow the Company's customers more control over and choices regarding their energy usage and to facilitate an exchange of information necessary for the implementation of programs or services customers believe are of significance to them.

13. The Company is also proposing a change in rate design, moving to a straight fixed variable design as directed by the Commission.<sup>3</sup>

14. Duke Energy Ohio is also filing this Application in order to establish Rate LED, LED Outdoor Lighting Electric Service, Sheet No. 69. Duke Energy Ohio will support Rate LED in testimony to be filed in these proceedings.

15. In order to mitigate the financial impact on the Company of legislative and regulatory mandates, Duke Energy Ohio is also proposing to implement a Regulatory Mandates Rider (Rider RMR) that will be used to timely recover the costs of implementing laws and regulations requiring expenditures by the Company.

16. Duke Energy Ohio also proposes a change to "Customer's and Company's Installations," Sheet No. 23, to allow for the provision of special customer services that are intended, in furtherance of policies of the state of Ohio, to assist with the availability of adequate, reliable, safe, efficient, nondiscriminatory retail electric service, through a diverse supplier base and innovative, cost-effective options.

17. Duke Energy Ohio is also seeking approval of all necessary and appropriate accounting authority to continue certain riders and to implement new riders, including approval of the proposed depreciation rates and the proposal to continue the accounting treatment associated with the Company's storm deferral mechanism.

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<sup>3</sup> *In the Matter of Aligning Electric Distribution Utility Rate Structure with Ohio's Public Policies to Promote Competition, Energy Efficiency, and Distributed Generation*, Case No. 10-3126-EL-UNC, Finding and Order, Finding 64 (August 21, 2013).

18. Duke Energy Ohio has attached to this Application, as required by R.C. 4909.18 and the Commission's Standard Filing Requirements, the following:

- (a) Schedule A-1, which provides certain financial data for the proposed test year and date certain; Schedule A-2, which shows the computation of the gross revenue conversion factor; and Schedule A-3, which reports that Duke Energy Ohio does not propose a mirrored construction work in progress revenue surcredit rider in this proceeding;
- (b) Schedules B-1 through B-9, which report Duke Energy Ohio's rate base, including information and adjustments regarding property used and useful in rendering electric distribution service to those customers affected by this Application, as provided in R.C. 4909.05;
- (c) Schedules C-1 through C-12, which contain:
  - (i) detailed schedules of Duke Energy Ohio's receipts, revenues, and incomes from all sources, Duke Energy Ohio's operating costs and other expenditures, and certain adjustments that Duke Energy Ohio deems applicable; and
  - (ii) a statement of the income and expense anticipated under this Application;
- (d) Schedules D-1 through D-5, which, in conjunction with the schedules mentioned in paragraph 11(a) above, contain a

statement of Duke Energy Ohio's financial condition summarizing assets, liabilities, and net worth;

- (e) Schedule E-1, which sets forth Duke Energy Ohio's proposed tariff schedules;
- (f) Schedule E-2, which sets forth Duke Energy Ohio's current tariff schedules that are proposed to be changed, and Schedule E-2.1 which are scored to indicate the provisions to be changed;
- (g) Schedules E-3 through E-5, which set forth Duke Energy Ohio's cost-of-service study, the rationale for tariff changes, the class and schedule revenue summary and the typical bill comparison; revenue summary at current and proposed rates; and typical bill comparisons;
- (h) Schedules S-1 and S-2, which provide certain capital expenditure and other financial information;
- (i) Schedule S-3, which is a proposed notice for newspaper publication, fully disclosing the substance of the Application and the specific requirements of R.C. 4909.18(E); and,
- (j) Schedule S-4.1, which is an executive summary of the Company's corporate process; and Schedule S-4.2, which provides management policies and practices.

19. Duke Energy Ohio states that the Commission has, in this proceeding, granted the Company a waiver of certain filing requirements.

20. At the time of filing this Application, no municipal corporation has in effect any ordinance or franchise that does, or will, regulate the rates or charges to any customer affected by this Application.

WHEREFORE, since the rates, prices, charges, and other provisions in the current rate schedules do not yield just and reasonable compensation to Duke Energy Ohio for supplying electric distribution service to the customers to which they are applicable, do not yield a just and reasonable return to Duke Energy Ohio on the value of the property used for furnishing electric distribution service to such customers, and result in the taking of Duke Energy Ohio's property for public use without compensation and without due process of law, Duke Energy Ohio respectfully requests that the Honorable Public Utilities Commission of Ohio:

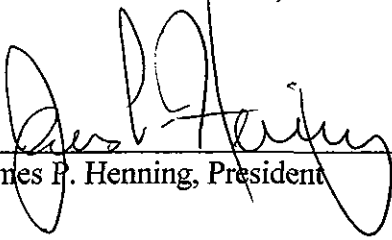
- (a) Accept this Application for filing;
- (b) Find that this Application and the attached Schedules filed herewith and incorporated herein, are in accordance with R.C. 4909.18 and the Commission's rules;
- (c) Approve the Form of Notice in Schedule S-3 filed herewith;
- (d) Find that the current rates, prices, and charges for electric distribution service are unjust, unreasonable, and insufficient to yield reasonable compensation to Duke Energy Ohio for the electric distribution service rendered;
- (e) Find that the proposed rates, prices, and charges are just and reasonable based upon the test period for the twelve months ending March 31, 2017, and approve such schedules in the form tendered

herewith;

- (f) Find that Duke Energy Ohio is in compliance with R.C. 4905.35;
- (g) Approve Duke Energy Ohio's Application for Approval to Change Accounting Methods as requested in these proceedings.
- (h) Fix the date on or after which applicable services provided to all customers are subject to the proposed rates as effective for the first billing cycle of January 2018.

Respectfully submitted,

DUKE ENERGY OHIO, INC.



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James P. Henning, President

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Stephen G. De May, Senior Vice President  
Tax and Treasurer

Respectfully submitted,

DUKE ENERGY OHIO, INC.

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James P. Henning, President



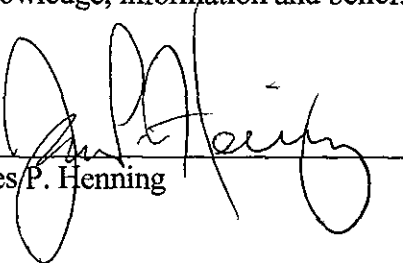
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Stephen G. De May, Senior Vice President  
Tax and Treasurer

VERIFICATION


STATE OF OHIO                    )  
  )  
COUNTY OF HAMILTON        )

I, James P. Henning, President of Duke Energy Ohio, Inc., and Duke Energy Kentucky, Inc., being first duly sworn, hereby verify that the information contained in this Application is true and correct to the best of my knowledge, information and belief.

  
James P. Henning

Sworn to and subscribed in my presence this 17<sup>TH</sup> day of February, 2017.

ADELE M. FRISCH  
Notary Public, State of Ohio  
My Commission Expires 01-05-2019

  
Notary Public

My commission expires: 1/5/2019



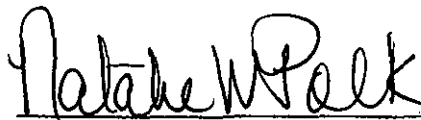
VERIFICATION

STATE OF NORTH CAROLINA   )  
  )  
COUNTY OF MECKLENBURG   )

I, Stephen G. De May, Senior Vice President Tax and Treasurer of Duke Energy Corporation and Treasurer of Duke Energy Ohio, Inc., being first duly sworn, hereby verify that the information contained in this Application is true and correct to the best of my knowledge, information and belief.

  
\_\_\_\_\_  
Stephen G. De May

Sworn to and subscribed in my presence this 17 day of February, 2017.

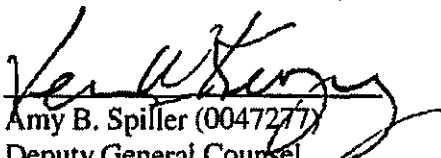
  
\_\_\_\_\_  
Notary Public

My commission expires: 4-29-18

Company Official to be contacted regarding the Application:

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## **SUPPLEMENTAL FILING REQUIREMENTS**

### **DUKE ENERGY OHIO**

**Case No. 17-32-EL-AIR**

**Test Year: Twelve Months Ended March 31, 2017**

**Date Certain: June 30, 2016**

<b>Schedules</b>	<b>Description</b>
S-1	Five-Year Projected Jurisdictional Capital Expenditures
S-2, P1	Five-Year Projected Jurisdictional Income Statement
S-2, P2	Five-Year Projected Balance Sheet Items
S-2, P3	Statement of Changes in Financial Position
S-2, P4	Assumptions for Five-Year Projection
S-2, P5	Load Forecast and Mix of Generation
S-3	Proposed Newspaper Notice
S-4.1	Executive Summary of Corporate Process (separate volume)
S-4.2	Management Policies, Practices and Organization

DUKE ENERGY OHIO FRANCHISED ELECTRIC AND GAS  
CASE NO. 17-32-EL-AIR  
MOST RECENT FIVE YEAR CAPITAL EXPENDITURES BUDGET  
2017 - 2021  
(\$000 Omitted)

DATA: FIVE (5) YEAR PROJECTED  
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED

SCHEDULE 5-1  
PAGE 1 OF 1  
WITNESS RESPONSIBLE:  
ROBERT H. PRATT

	CWIP Balance at 12/31/2016	2017	2018	2019	2020	2021
<b>Electric</b>						
Transmission						
Additions		99,737	102,594	100,551	110,032	97,548
AFUDC Debt & Equity		1,909	2,053	2,204	2,300	2,519
Total Transmission with AFUDC	35,347	101,646	104,647	102,755	112,332	100,067
Distribution						
Additions		180,814	202,188	222,405	237,077	232,922
AFUDC Debt & Equity		1,311	1,528	1,789	2,040	2,339
Total Distribution with AFUDC	32,731	182,126	203,716	224,194	239,117	235,261
General & Intangible						
Additions		74,165	117,294	60,198	39,683	31,130
AFUDC Debt & Equity		2,709	4,866	2,755	2,861	2,966
Total General with AFUDC	40,932	76,874	122,160	62,953	42,544	34,096
<b>Gas</b>						
Distribution						
Additions		103,351	138,012	85,934	71,472	80,701
AFUDC Debt & Equity		1,229	4,173	6,568	913	964
Total Distribution with AFUDC	13,948	104,580	142,184	92,502	72,386	81,665
Transmission						
Additions		3,665	10,390	5,592	3,918	11,860
AFUDC Debt & Equity						
Total Distribution with AFUDC	25	3,665	10,390	5,592	3,918	11,860
General & Intangible						
Additions		13,762	8,259	8,674	8,281	7,081
AFUDC Debt & Equity		367	413	427	435	455
Total General with AFUDC	6,312	14,130	8,672	9,101	8,716	7,535
<b>Total Duke Energy Ohio</b>						
Additions		475,494	578,738	483,353	470,464	461,242
AFUDC Debt & Equity		7,526	13,032	13,744	8,549	9,242
Total Duke Energy Ohio with AFUDC	129,295	483,020	591,770	497,097	479,013	470,484

Specific Project Details:

	<=2016	2017	2018	2019	2020	2021	Total project cost	date started	estimated completion
<b>Control Center</b>								2015	2019
Additions	4,904	14,005	56,687	9,320			84,917		
AFUDC Debt & Equity		237	2,288	1			2,525		
Total	4,904	14,242	58,975	9,321	-	-	87,441		
<b>AMI Smart Meter*</b>								2017	2021
Additions	-	11,956	11,577	31,305	40,788	31,641	127,267		
AFUDC Debt & Equity	-	-	-	-	-	-	-		
Total	-	11,956	11,577	31,305	40,788	31,641	127,267		

\* AMI smart meter capital based off 12&O forecast, updated estimates available

**DUKE ENERGY OHIO FRANCHISED ELECTRIC AND GAS**  
**CASE NO. 17-32-EL-AIR**  
**FIVE YEAR PROJECTED INCOME STATEMENT**  
**2017 - 2021**  
**(\$000 Omitted)**

DATA: FIVE (5) YEAR PROJECTED  
TYPE OF FILING: "X" ORIGINAL    UPDATED    REVISED

SCHEDULE S-2  
PAGE 1 OF 4  
WITNESS RESPONSIBLE:  
ROBERT H. PRATT

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Operating Revenues	\$ 1,533,116	\$ 1,552,605	\$ 1,581,220	\$ 1,626,812	\$ 1,686,429
Operating Expenses					
Cost of Goods Sold	404,092	401,743	404,202	407,375	409,364
Operation & Maintenance	314,058	316,602	313,047	325,774	339,120
Depreciation/ Amortization	218,238	204,273	201,153	199,607	209,623
Taxes Other than Income Taxes	266,200	277,161	291,731	304,596	317,889
Current Taxes	5,382	(6,942)	5,913	32,847	69,269
Deferred Income Taxes	90,151	111,028	108,624	87,646	57,868
Investment Tax Credit amort	(349)	(204)	(204)	(204)	(204)
Total Operating Expenses	<u>\$ 1,297,771</u>	<u>\$ 1,303,662</u>	<u>\$ 1,324,466</u>	<u>\$ 1,357,640</u>	<u>\$ 1,402,930</u>
Other Income and Deductions	9,941	16,098	18,289	16,689	19,659
Net Interest Changes	77,376	78,318	68,990	72,473	77,343
Net Income	<u>\$ 167,909</u>	<u>\$ 186,723</u>	<u>\$ 206,054</u>	<u>\$ 213,388</u>	<u>\$ 225,815</u>
Preferred Dividends	-	-	-	-	-
Available for Common Stock	<u>\$ 167,909</u>	<u>\$ 186,723</u>	<u>\$ 206,054</u>	<u>\$ 213,388</u>	<u>\$ 225,815</u>

**DUKE ENERGY OHIO FRANCHISED ELECTRIC AND GAS**  
**CASE NO. 17-32-EL-AIR**  
**FIVE YEAR PROJECTED BALANCE SHEET**

DATA: FIVE (5) YEAR PROJECTED  
TYPE OF FILING: "X" ORIGINAL    UPDATED    REVISED

2017 - 2021  
(\$000 Omitted)

SCHEDULE S-2  
PAGE 2 OF 4  
WITNESS RESPONSIBLE:  
ROBERT H. PRATT

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
<b>Assets:</b>					
Cash and Cash Equivalents	119,249	298,803	192,541	421,649	343,261
Receivables	148,100	143,262	141,876	144,463	145,229
Inventory	88,309	88,309	88,309	88,309	88,309
Other Current Assets	20,235	20,235	20,235	20,235	20,235
Total Current Assets	375,893	550,610	442,962	674,656	597,035
Goodwill	746,919	746,919	746,919	746,919	746,919
Intangibles, Net	4,198	4,198	4,198	4,198	4,198
Other	10,562	10,203	10,294	9,934	9,575
Total Investments and Other Assets	761,678	761,319	761,410	761,051	760,692
PP&E Net	4,710,733	5,140,066	5,461,599	5,752,869	6,023,854
Deferred debt expense	4,142	3,738	3,339	2,991	2,669
Regulatory Assets Related to Income Taxes	60,799	60,799	60,799	60,799	60,799
Other long-term assets	361,130	363,648	390,199	441,001	498,163
Total Regulatory Assets and Deferred Debits	426,071	428,185	454,338	504,792	561,631
Total Assets	\$ 6,274,376	\$ 6,880,180	\$ 7,120,309	\$ 7,693,368	\$ 7,943,212
<b>Liabilities:</b>					
Accounts Payable	259,807	257,387	256,099	255,413	253,873
Notes Payable and Commercial Paper	18,905	35,244	109,287	66,803	143,096
Taxes Accrued	149,403	157,985	173,342	190,063	204,468
Interest Accrued	14,778	14,776	8,712	8,712	8,712
Other Current Liabilities	85,854	85,854	85,980	86,108	86,237
Total Current Liabilities	528,747	551,246	633,420	607,099	696,385
Long-term debt, including current maturities	1,614,671	1,912,950	1,862,667	2,163,582	2,154,498
Deferred Income Taxes	1,212,433	1,323,462	1,432,086	1,519,731	1,577,599
Investment tax credit	2,398	2,194	1,991	1,787	1,583
Asset Retirement Obligations	22,896	22,896	22,896	22,896	22,896
Other long-term liabilities	331,442	318,919	312,684	310,318	311,481
Total Deferred Credits and Other Liabilities	1,569,169	1,667,471	1,769,655	1,854,732	1,913,559
Common Stock	382,847	382,847	382,847	382,847	382,847
Additional Paid in Capital	2,457,352	2,457,352	2,457,352	2,457,352	2,457,352
Retained Earnings	(446,318)	(278,409)	(191,686)	14,368	102,756
Current year Net Income	167,909	186,723	206,054	213,388	225,815
Equity	2,561,790	2,748,513	2,854,567	3,067,954	3,168,770
Total Liabilities and Equity	\$ 6,274,376	\$ 6,880,180	\$ 7,120,309	\$ 7,693,368	\$ 7,943,212

DUKE ENERGY OHIO FRANCHISED ELECTRIC AND GAS  
CASE NO. 17-32-EL-AIR  
FIVE YEAR PROJECTED CASH FLOW STATEMENT  
2017 - 2021  
(\$000 Omitted)

DATA: FIVE (5) YEAR PROJECTED  
TYPE OF FILING: "X" ORIGINAL UPDATED REVISED

SCHEDULE S-2  
PAGE 3 OF 4  
WITNESS RESPONSIBLE:  
ROBERT H. PRATT

	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Net Income	\$ 167,909	\$ 186,723	\$ 206,054	\$ 213,388	\$ 225,815
Depreciation and Amortization	218,238	204,273	201,153	199,607	209,629
Amortization of Debt Costs	1,586	1,621	1,434	1,323	1,297
Losses/(Gains) on Sale of Assets					
Deferred Income Taxes and ITC	89,802	110,825	108,420	87,442	57,664
Contributions to company-sponsored pension plan	(2,775)	(2,557)	(2,301)	(2,036)	(1,783)
Receivables	(5,753)	4,838	1,385	(2,587)	(766)
Accounts Payables	3,548	(6,421)	(5,186)	(4,583)	(5,436)
Income Taxes Accrued	(3,496)	(4,077)	-	(0)	0
Taxes Other than income Accrued	2,996	12,658	15,357	16,722	14,405
Interest Accrued	(58)	(1)	(6,064)	-	-
Equity AFUDC	(4,948)	(8,550)	(9,035)	(5,619)	(6,047)
Other Assets and Liabilities	(58,676)	(50,078)	(52,234)	(58,693)	(60,083)
<b>Net Cash from Operating Activities</b>	<b>\$ 408,373</b>	<b>\$ 449,255</b>	<b>\$ 458,983</b>	<b>\$ 444,964</b>	<b>\$ 434,690</b>
Capital Expenditures	(475,494)	(578,738)	(483,353)	(470,464)	(461,242)
AFUDC Debt	(2,560)	(4,424)	(4,675)	(2,907)	(3,129)
<b>Net Cash from Investing Activities</b>	<b>\$ (478,055)</b>	<b>\$ (583,162)</b>	<b>\$ (488,029)</b>	<b>\$ (473,372)</b>	<b>\$ (464,371)</b>
Proceeds/redemptions of long-term debt	91,059	297,123	(51,259)	300,000	-
Money Pool Payable	18,905	16,339	74,043	(42,484)	76,293
Capital Contributions From/(To) Parent	(25,000)	-	(100,000)	-	(125,000)
<b>Net Cash from Financing Activities</b>	<b>\$ 84,964</b>	<b>\$ 313,462</b>	<b>\$ (77,216)</b>	<b>\$ 257,516</b>	<b>\$ (48,707)</b>
<b>Net (Decrease) Increase in Cash and Cash Equivalents</b>	<b>\$ 15,282</b>	<b>\$ 179,555</b>	<b>\$ (106,263)</b>	<b>\$ 229,108</b>	<b>\$ (78,388)</b>
Beginning Cash	103,966	119,249	298,803	192,541	421,649
Ending Cash	\$ 119,249	\$ 298,803	\$ 192,541	\$ 421,649	\$ 343,261

**DUKE ENERGY OHIO FRANCHISED ELECTRIC  
CASE NO. 17-32-EL-AIR  
ASSUMPTIONS  
2017 - 2021**

DATA: FIVE (5) YEAR PROJECTED  
TYPE OF FILING: "X" ORIGINAL    UPDATED    REVISED

SCHEDULE S-2  
PAGE 4 OF 4  
WITNESS RESPONSIBLE:  
ROBERT H. PRATT

**1. Electric Forecast (MWH)**

	Residential	Commercial	Industrial	Street Light	OPA	Inter-Dept	Company Use	Change in Unbilled	Total
<b>Total Retail Sales</b>									
2017	7,157,452	6,405,517	5,059,513	88,617	1,311,969	3,793	12,669	(13,840)	20,025,688
2018	7,240,995	6,512,289	5,079,633	87,519	1,303,890	3,797	12,896	(63,504)	20,177,516
2019	7,272,554	6,524,874	5,080,788	86,358	1,287,151	3,797	12,913	(47,146)	20,221,289
2020	7,286,513	6,458,291	5,065,395	85,131	1,275,078	3,797	12,928	(9,183)	20,177,950
2021	7,300,102	6,395,550	5,057,080	83,933	1,272,540	3,797	12,919	(43,312)	20,082,609

2. Operations and Maintenance expense was budgeted by department for 2017 & 2018. The years 2019 through 2021 were based on the company's 2018 Budget with 3.5% non-union and 2.5% union Labor escalations.

Allocable costs from Duke Energy are charged to the Company

3. At the present time, Duke Energy anticipates no additional employees over the budgeted period

4. Long Term debt cost was assumed to range from 3.50% to 4.25% for 2017 - 2021. Short-term debt cost was assumed to range from 1.25% to 2.50% for the period 2017 - 2021.



NOTICE OF APPLICATION TO  
THE PUBLIC UTILITIES COMMISSION OF OHIO  
FOR AN INCREASE IN ELECTRIC RATES  
TO ALL JURISDICTIONAL CUSTOMERS  
FOR DUKE ENERGY OHIO, INC.

TO WHOM IT MAY CONCERN:

Pursuant to the requirements of Section 4909.19 of the Ohio Revised Code, Duke Energy Ohio, Inc., hereby gives notice that on March 2, 2017, it filed with The Public Utilities Commission of Ohio (Commission) an application for authority to change its electric rates and charges in incorporated communities and the unincorporated territory within its service area which includes all or part of Brown, Butler, Clinton, Clermont, Hamilton, Highland, Montgomery, Preble, and Warren Counties in Ohio. Such application has been assigned Case Nos. 17-32-EL-AIR, 17-33-EL-ATA, and 17-34-EL-AAM by the Commission. The substance of the application follows.

The following is a description of the proposed electric rates.

**PROPOSED RATES  
RESIDENTIAL SERVICE**

**RESIDENTIAL SERVICE, SHEET NO. 30.16**

**APPLICABILITY**

Applicable to electric service other than three phase service, for all domestic purposes in private residences and single occupancy apartments and separately metered common use areas of multi-occupancy buildings in the entire territory of the Company where distribution lines are adjacent to the premises to be served.

Residences where not more than two rooms are used for rental purposes will also be included. Where all dwelling units in a multi-occupancy building are served through one meter and the common use area is metered separately, the kilowatt-hour rate will be applied on a "per residence" or "per apartment" basis, however, the customer charge will be based on the number of installed meters.

Where a portion of a residential service is used for purposes of a commercial or public character, the applicable general service rate is applicable to all service. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this rate will be applied to the residential service, if the service qualifies hereunder.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### TYPE OF SERVICE

Alternating current 60 Hz, single phase at Company's standard secondary voltage.

#### NET MONTHLY BILL

Computed in accordance with the following charges:

1. Distribution Charges

(a) Customer Charge                      \$22.77 per month

(b) Energy Charge                      \$0.017061 per kWh

The minimum charge shall be the Customer Charge as stated above.

The average percentage increase in the total bill of customers under Rate RS, including a firm supply of electric generation, should the change be granted in full is 1.68%.

#### **PROPOSED RATE ORH**

#### **OPTIONAL RESIDENTIAL SERVICE WITH ELECTRIC SPACE HEATING**

#### **OPTIONAL RESIDENTIAL SERVICE WITH ELECTRIC SPACE HEATING, SHEET NO. 31.16**

#### APPLICABILITY

Applicable to electric service, other than three phase service, used for all domestic purposes in private residences and single occupancy apartments where permanently connected electric heating equipment is installed and in regular use as the primary source of qualified space heating in the entire territory of the Company where distribution lines are adjacent to the premises to be served. In addition, the customer will be required to pay an amount equal to the current installed cost of demand metering equipment in excess of the current installed cost of standard watt-hour metering equipment. All metering equipment shall remain the property of the Company. The Company shall be responsible for the installation, operation, maintenance, testing, replacement and removal of metering equipment.

This rate is only available as Company demand meters are installed on the customer's premises. Due to the limited availability of metering equipment and Company personnel, a demand meter will be installed as metering equipment and Company personnel are available.

Where a portion of a residential service is used for purposes of a commercial or public character, the applicable general service rate is applicable to all service. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this rate will be applied to the residential service, if the service qualifies hereunder.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### TYPE OF SERVICE

Alternating current 60 Hz, single phase at Company's standard secondary voltage.

#### NET MONTHLY BILL

Computed in accordance with the following charges:

	<u>Summer Period</u>	<u>Winter Period</u>
1. Distribution Charges		
(a) Customer Charge	\$22.77 per month	\$22.77 per month
(b) Energy Charge		
First 1,000 kilowatt-hours	\$0.017061 per kWh	\$0.030411 per kWh
Additional kilowatt-hours	\$0.017061 per kWh	\$0.016798 per kWh
In excess of 150 times Customer's		
Monthly Demand	\$0.017061 per kWh	\$0.011324 per kWh

The minimum charge shall be the Customer Charge as stated above.

The average percentage increase in the total bill of customers under Rate ORH, including a firm supply of electric generation, should the change be granted in full is 1.60%.

#### **PROPOSED RATE TD**

#### **OPTIONAL TIME-OF-DAY RATE FOR RESIDENTIAL SERVICE**

#### **OPTIONAL TIME-OF-DAY RATE FOR RESIDENTIAL SERVICE, SHEET NO. 33.15**

THIS TARIFF IS HEREBY CANCELLED AND WITHDRAWN

#### **PROPOSED RATE CUR**

#### **COMMON USE RESIDENTIAL SERVICE**

#### **COMMON USE RESIDENTIAL SERVICE, SHEET NO. 34.10**

#### APPLICABILITY

Applicable to electric service other than three phase service for separately metered common use areas of multi-occupancy buildings in the entire territory of the Company where distribution lines are adjacent to the premises to be served.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### TYPE OF SERVICE

Alternating current 60 Hz, single phase at Company's standard secondary voltage.

#### NET MONTHLY BILL

Computed in accordance with the following charges:

- |                         |                    |
|-------------------------|--------------------|
| 1. Distribution Charges |                    |
| (a) Customer Charge     | \$22.77 per month  |
| (b) Energy Charge       | \$0.017061 per kWh |

The minimum charge shall be the Customer Charge as stated above.

The average percentage increase in the total bill of customers under Rate CUR, including a firm supply of electric generation, should the change be granted in full is 11.12%.

**PROPOSED RATE RS3P  
RESIDENTIAL THREE-PHASE SERVICE**

**RESIDENTIAL THREE-PHASE SERVICE, SHEET NO. 35.7**

**APPLICABILITY**

Applicable to three phase electric service, for all domestic purposes in private residences and single occupancy apartments and separately metered common use areas of multi-occupancy buildings in the entire territory of the Company where (1) distribution lines are adjacent to the premises to be served, (2) the building load requires three phase service, (3) building load exceeds the Company's standard single-phase equipment or the building is a multi-use facility requiring three-phase service for the commercial space, and (4) additional distribution line extensions are not required. In all other instances, the Company will make three phase service available to residential customers at the customer's sole expense and pursuant to a three-year service agreement.

Residences where not more than two rooms are used for rental purposes will also be included. Where all dwelling units in a multi-occupancy building are served through one meter and the common use area is metered separately, the kilowatt-hour rate will be applied on a "per residence" or "per apartment" basis, however, the customer charge will be based on the number of installed meters.

Where a portion of a residential service is used for purposes of a commercial or public character, the applicable general service rate is applicable to all service. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this rate will be applied to the residential service, if the service qualifies hereunder.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

**TYPE OF SERVICE**

Alternating current 60 Hz, three phase at Company's standard secondary voltage.

## NET MONTHLY BILL

Computed in accordance with the following charges:

1. Distribution Charges
  - (a) Customer Charge \$25.27 per month
  - (b) Energy Charge \$0.017061 per kWh

The minimum charge shall be the Customer Charge as stated above.

The average percentage decrease in the total bill of customers under Rate RS3P, including a firm supply of electric generation, should the change be granted in full is 6.88%.

## **PROPOSED RATE RSLI RESIDENTIAL SERVICE – LOW INCOME**

### **RESIDENTIAL SERVICE, SHEET NO. 36.4**

#### **APPLICABILITY**

Applicable to up to 10,000 electric customers who are at or below 200% of the Federal poverty level and who do not participate in the Percentage of Income Payment Plan (PIPP). Applicable to electric service other than three phase service, for all domestic purposes in private residences and single occupancy apartments and separately metered common use areas of multi-occupancy buildings in the entire territory of the Company where distribution lines are adjacent to the premises to be served.

Residences where not more than two rooms are used for rental purposes will also be included. Where all dwelling units in a multi-occupancy building are served through one meter and the common use area is metered separately, the kilowatt-hour rate will be applied on a "per residence" or "per apartment" basis, however, the customer charge will be based on the number of installed meters.

Where a portion of a residential service is used for purposes of a commercial or public character, the applicable general service rate is applicable to all service. However, if the wiring is so arranged that the service for residential purposes can be metered separately, this rate will be applied to the residential service, if the service qualifies hereunder.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### **TYPE OF SERVICE**

Alternating current 60 Hz, single phase at Company's standard secondary voltage.

## NET MONTHLY BILL

Computed in accordance with the following charges:

- |                         |                    |
|-------------------------|--------------------|
| 1. Distribution Charges |                    |
| (a) Customer Charge     | \$18.77 per month  |
| (b) Energy Charge       | \$0.017061 per kWh |

The minimum charge shall be the Customer Charge as stated above.

The average percentage increase in the total bill of customers under Rate RSLI, including a firm supply of electric generation, should the change be granted in full is 5.23%.

## **PROPOSED RATE DS SERVICE AT SECONDARY DISTRIBUTION VOLTAGE**

### **SERVICE AT SECONDARY DISTRIBUTION VOLTAGE, SHEET NO. 40.17**

#### APPLICABILITY

Applicable to electric service for usual customer load requirements where the Company specifies service at the standard secondary system voltage and where the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served and the Company determines that the customers average monthly demand is greater than 15 kilowatts. Electric service must be supplied at one point of delivery.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### TYPE OF SERVICE

Alternating current 60 Hz, single phase or three phase, at Company's standard distribution voltage. When both single and three phase secondary voltage services are required by a Distribution customer, the monthly kilowatt-hour usage and kilowatt demands shall be the respective arithmetical sums of both services.

## NET MONTHLY BILL

Computed in accordance with the following charges provided, however, that the minimum monthly load factor, expressed as hours-use per month, shall not be less than 71 kWh per kW. When applicable, the minimum monthly load factor shall be achieved by calculating the billing demand as the monthly kWh usage divided by 71 (kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

- |                                   |         |
|-----------------------------------|---------|
| 1. Distribution Charges           |         |
| (a) Customer Charge per month     |         |
| Single Phase Service              | \$25.31 |
| Single and/or Three Phase Service | \$50.64 |

(b) Demand Charge

All kilowatts

\$ 5.9307 per kW

The minimum bill shall be eighty-five percent (85%) of the highest monthly kilowatt demand as established in the summer period and effective for the next succeeding eleven (11) months plus the Customer Charge.

In no case, however, shall the minimum bill be less than the Customer Charge.

The average percentage increase in the total bill of customers under Rate DS, including a firm supply of electric generation, should the change be granted in full is 0.16%

**PROPOSED RATE GS-FL**

**OPTIONAL UNMETERED GENERAL SERVICE RATE FOR SMALL FIXED LOADS**

**OPTIONAL UNMETERED GENERAL SERVICE RATE FOR SMALL FIXED LOADS, SHEET NO. 41.17**

**APPLICABILITY**

Applicable to electric service in the Company's entire territory where secondary distribution lines exist for any fixed electric load that can be served by a standard service drop from the Company's existing secondary distribution system.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

**TYPE OF SERVICE**

Alternating current 60 Hz, at nominal voltages of 120, 120/240 or 120/208 volts, single phase, unmetered. Service of other characteristics, where available, may be furnished at the option of the Company.

**NET MONTHLY BILL**

Computed in accordance with the following charges:

1. Distribution Charges

- (a) For loads based on a range of 540 to 720 hours use per month of the rated capacity of the connected equipment \$0.023092 per kWh
- (b) For loads of less than 540 hours use per month of the rated capacity of the connected equipment \$0.026482 per kWh

The minimum charge shall be \$6.29 per Fixed Load Location per month.

The average percentage increase in the total bill of customers under Rate GS-FL, including a firm supply of electric generation, should the change be granted in full is 0.81%.

**PROPOSED RATE EH**  
**OPTIONAL RATE FOR ELECTRIC SPACE HEATING**

**OPTIONAL RATE FOR ELECTRIC SPACE HEATING, SHEET NO. 42.17**

**APPLICABILITY**

Applicable to electric service for heating when customer's wiring is so arranged that heating service can be furnished at one point of delivery and can be metered separately from all other types of service or to any public school, parochial school, private school, or church when supplied at one point of delivery, provided permanently connected and regularly used electrical equipment is installed in compliance with the Company specifications as the primary source of heating or heating and cooling the atmosphere to temperatures of human comfort; and provided all other electrical energy requirements are purchased from the Company. For the purpose of the administration of this tariff schedule, primary source is defined as at least 90 percent (90%). No single water-heating unit shall be wired such that the demand established by it will exceed 5.5 kilowatts unless approved by the Company.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

**TYPE OF SERVICE**

Alternating current 60 Hz, single or three phase at Company's standard secondary voltage.

**NET MONTHLY BILL**

Computed in accordance with the following charges:

**Winter Period:**

**1. Distribution Charges**

**(a) Customer Charge per month**

Single Phase Service	\$ 26.97
Three Phase Service	\$ 53.94
Primary Voltage Service	\$200.00

**(b) Energy Charge**

All kilowatt-hours	\$0.019321 per kWh
--------------------	--------------------

**Summer Period:**

All usage during the summer period shall be billed in accordance with the provisions of the applicable distribution voltage service rate.

The minimum charge shall be the Customer Charge as stated above.



The average percentage increase in the total bill of customers under Rate EH, including a firm supply of electric generation, should the change be granted in full is 1.34%.

**PROPOSED RATE DM  
SECONDARY DISTRIBUTION SERVICE – SMALL**

**SECONDARY DISTRIBUTION SERVICE – SMALL, SHEET NO. 43.17**

**APPLICABILITY**

Applicable to electric service for usual customer load requirements where the Company specifies service at the standard secondary system voltage and the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served and the Company determines that the customer's average monthly demand is 15 kilowatts or less. This tariff schedule is also applicable to electric service to recreation facilities that are promoted, operated and maintained by non-profit organizations where such service is separately metered. Electric service must be supplied at one point of delivery.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

**TYPE OF SERVICE**

Alternating current, 60 Hz, single phase or three phase at Company's standard secondary distribution voltage. When both single and three phase service are required by the customer, the monthly kilowatt-hour usage shall be the arithmetical sum of both services.

**NET MONTHLY BILL**

Computed in accordance with the following charges:

	<u>Summer Period</u>	<u>Winter Period</u>
1. Distribution Charges		
(a) Customer Charge		
Single Phase	\$9.96 per month	\$9.96 per month
Three Phase	\$19.92 per month	\$19.92 per month
(b) Energy Charge		
First 2,800 kWh	\$0.042456 per kWh	\$0.042456 per kWh
Next 3,200 kWh	\$0.003768 per kWh	\$0.003768 per kWh
Additional kWh	\$0.003768 per kWh	\$0.003768 per kWh

The minimum charge shall be the Customer Charge as stated above.

The average percentage decrease in the total bill of customers under Rate DM, including a firm supply of electric generation, should the change be granted in full is 0.44%.

**PROPOSED RATE DP  
SERVICE AT PRIMARY DISTRIBUTION VOLTAGE**

**SERVICE AT PRIMARY DISTRIBUTION VOLTAGE, SHEET NO. 44.17**

**APPLICABILITY**

Applicable to electric service for usual customer load requirements where the Company specifies service at nominal primary distribution system voltages of 12,500 volts or 34,500 volts, and the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served. Electric service must be supplied at one point of delivery.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

**TYPE OF SERVICE**

Alternating current 60 Hz, single phase or three phase at Company's standard distribution voltage of 34,500 volts or lower.

When both single and three phase secondary voltage services are required by a customer, the monthly kilowatt-hour usage and kilowatt demands shall be the respective arithmetical sums of both services.

**NET MONTHLY BILL**

Computed in accordance with the following charges. (Kilowatt of demand is abbreviated as kW and kilowatt-hours are abbreviated as kWh):

1. Distribution Charges
  - (a) Customer Charge per month  
Primary Voltage Service (12.5 or 34.5 kV) \$247.62 per month
  - (b) Demand Charge  
All kilowatts \$4.6676 per kW

The minimum bill shall be eighty-five percent (85%) of the highest monthly kilowatt demand as established in the summer period and effective for the next succeeding eleven (11) months plus the Customer Charge.

In no case, however, shall the minimum bill be less than the Customer Charge.

The average percentage decrease in the total bill of customers under Rate DP, including a firm supply of electric generation, should the change be granted in full is 0.05%.

**PROPOSED RATE SFL-ADPL  
OPTIONAL UNMETERED RATE FOR SMALL FIXED LOADS ATTACHED  
DIRECTLY TO COMPANY'S POWER LINES**

**OPTIONAL UNMETERED RATE FOR SMALL FIXED LOADS ATTACHED  
DIRECTLY TO COMPANY'S POWER LINES, SHEET NO. 46.13**

**APPLICABILITY**

Applicable to electric service in the Company's entire territory where secondary and/or primary distribution lines exist for any bulk, small, unmetered, fixed-load electric devices that can be connected directly to the Company's power lines within the power zone of Company's poles and which do not require service drops.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

**TYPE OF SERVICE**

Alternating current 60 Hz, at nominal voltages of 120, 120/240 or 120/208, 12,500 or 34,500 volts, single phase, unmetered. Service of other characteristics, where available, may be furnished at the option of the Company.

**NET MONTHLY BILL**

Computed in accordance with the following charges:

- |                         |                    |
|-------------------------|--------------------|
| 1. Distribution Charges | \$0.023081 per kWh |
|-------------------------|--------------------|

The average percentage increase in the total bill of customers under Rate SFL-ADPL, including a firm supply of electric generation, should the change be granted in full is 0.78%.

**PROPOSED RATE TS  
SERVICE AT TRANSMISSION VOLTAGE**

**SERVICE AT TRANSMISSION VOLTAGE, SHEET NO. 50.17**

**APPLICABILITY**

Applicable to electric service for usual customer load requirements where the Company specifies service at a nominal transmission system voltage of 69,000 volts or higher, and the Company determines that facilities of adequate capacity are available and adjacent to the premises to be served. Electric service must be supplied at one point of delivery and the customer furnishes and maintains all transformation equipment and appurtenances necessary to utilize the service.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### TYPE OF SERVICE

Alternating current 60 Hz, three phase at Company's standard transmission voltage of 69,000 volts or higher.

#### NET MONTHLY BILL

Computed in accordance with the following charges (kilovolt amperes are abbreviated as kVA; kilowatt-hours are abbreviated as kWh):

1. Distribution Charges	
(a) Customer Charge per month	\$200.00
(b) Demand Charge	
All kVA	\$0.000 per kVA

The minimum charge shall be not less than fifty percent (50%) of the highest demand charge established during the preceding eleven (11) months or the billing of 1,000 kVA, whichever is higher.

The average percentage increase in the total bill of customers under Rate TS, including a firm supply of electric generation, should the change be granted in full is 0.00%.

#### **PROPOSED RATE SL** **STREET LIGHTING SERVICE** **STREET LIGHTING SERVICE, SHEET NO. 60.17**

#### APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, and incorporated homeowners associations for the lighting of public streets and roads with Company-owned lighting fixtures.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This service will no longer be available for units installed after December 31, 2004.

#### TYPE OF SERVICE

All equipment owned by the Company will be installed and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within forty-eight (48) hours after notification by the customer. The Company does not guarantee continuous lighting or electric

service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

#### NET MONTHLY BILL

The following monthly charge for each unit with lamp and luminaire, controlled automatically, will be assessed:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
1. Base Rate				
<u>OVERHEAD DISTRIBUTION AREA</u>				
Fixture Description				
Standard Fixture (Cobra Head)				
Mercury Vapor				
7,000 lumen	175	0.193	803	4.568
7,000 lumen (Open Refractor)	175	0.205	853	4.472
10,000 lumen				4.643
	250	0.275	1,144	
21,000 lumen				4.700
	400	0.430	1,789	
Metal Halide				
14,000 lumen	175	0.193	803	4.568
20,500 lumen	250	0.275	1,144	4.642
Sodium Vapor				
9,500 lumen	100	0.117	487	8.080
9,500 lumen (Open Refractor)	100	0.117	487	7.767
16,000 lumen	150	0.171	711	8.766
22,000 lumen	200	0.228	948	8.704
27,500 lumen	200	0.228	948	8.704
50,000 lumen	400	0.471	1,959	10.649
Decorative Fixtures				
Sodium Vapor				
9,500 lumen (Rectilinear)	100	0.117	487	14.021
22,000 lumen (Rectilinear)	200	0.246	1,023	14.177
50,000 lumen (Rectilinear)	400	0.471	1,959	14.180
50,000 lumen (Setback)	400	0.471	1,959	19.469

Where a street lighting fixture served overhead is to be installed on another utility's pole on which the Company does not have a contact, a monthly pole charge will be assessed.

Spans of Secondary Wiring:

For each increment of fifty (50) feet of secondary wiring beyond the first one hundred fifty (150) feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$0.69.

NET MONTHLY BILL (Contd.)

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
<u>UNDERGROUND DISTRIBUTION AREA</u>				
Fixture Description				
Standard Fixture (Cobra Head)				
Mercury Vapor				
7,000 lumen	175	0.210	874	3.833
7,000 lumen (Open Refractor)	175	0.205	853	4.667
10,000 lumen	250	0.292	1,215	3.833
21,000 lumen	400	0.460	1,914	3.111
Sodium Vapor				
9,500 lumen	100	0.117	487	8.063
22,000 lumen	200	0.228	948	8.700
27,500 lumen	200	0.228	948	7.172
50,000 lumen	400	0.471	1,959	10.642
Decorative Fixtures				
Mercury Vapor				
7,000 lumen (Town & Country)	175	0.205	853	8.259
7,000 lumen (Holophane)	175	0.210	874	8.833
7,000 lumen (Gas Replica)	175	0.210	874	17.173
7,000 lumen (Aspen)	175	0.210	874	9.401
Metal Halide				
14,000 lumen (Granville)	175	0.210	874	9.401
14,000 lumen (Town & Country)	175	0.205	853	8.178
14,500 lumen (Gas Replica)	175	0.210	874	21.976
Sodium Vapor				
9,500 lumen (Town & Country)	100	0.117	487	13.653
9,500 lumen (Holophane)	100	0.128	532	11.000
9,500 lumen (Rectilinear)	100	0.117	487	11.080
9,500 lumen (Gas Replica)	100	0.128	532	25.871
9,500 lumen (Aspen)	100	0.128	532	11.628
16,000 lumen (Aspen)	150	0.171	711	6.850
22,000 lumen (Rectilinear)	200	0.246	1,023	11.068
50,000 lumen (Rectilinear)	400	0.471	1,959	13.583
50,000 lumen (Setback)	400	0.471	1,959	15.202

NET MONTHLY BILL (Contd.)

POLE CHARGES

<u>Pole Description</u>	<u>Pole Type</u>	<u>\$/Pole</u>
Wood		
17 foot (Wood Laminated) (a)	W17	4.79
30 foot	W30	5.24
35 foot	W35	5.67
40 foot	W40	6.39
Aluminum		
12 foot	A12	14.04
28 foot	A28	7.42
28 foot (heavy duty)	A28H	7.53
30 foot (anchor base)	A30	23.43
Fiberglass		
17 foot	F17	4.82
30 foot (bronze)	F30	10.46
35 foot (bronze)	F35	9.91
40 foot	F40	6.39
Steel		
27 foot (11 gauge)	S27	19.22
27 foot ( 3 gauge)	S27H	26.01

Spans of Secondary Wiring:

For each increment of twenty-five (25) feet of secondary wiring beyond the first twenty-five (25) feet from the pole, the following price per month shall be added to the price per month per street lighting unit: \$1.46.

Additional facilities, other than specified above, if required, will be billed at the time of installation.

(a) Note: New or replacement poles no longer available.

The average percentage increase in the total bill of customers under Rate SL, including a firm supply of electric generation, should the change be granted in full is 1.73%.

**PROPOSED RATE TL  
TRAFFIC LIGHTING SERVICE**

## **TRAFFIC LIGHTING SERVICE, SHEET NO. 61.17**

### **APPLICABILITY**

Applicable to the supplying of energy for traffic signals or other traffic control lighting on public streets and roads. After January 1, 1992, this tariff schedule shall only be applicable to municipal, county, state and local governments. In the application of this tariff, each point of delivery shall be considered as a separate customer.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

### **TYPE OF SERVICE**

Alternating current 60 Hz, single phase at the Company's standard secondary voltage.

### **NET MONTHLY BILL**

Computed in accordance with the following charges:

#### **1. Base Rate**

- (a) Where the Company supplies energy only, all kilowatt-hours shall be billed as follows:

Distribution Energy and Equipment Charge \$0.005568 per kWh

- (b) Where the Company supplies energy from a separately metered source and the Company has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed at

\$0.029079 per kWh

- (c) Where the Company supplies energy and has agreed to provide limited maintenance for traffic signal equipment, all kilowatt-hours shall be billed as follows:

Distribution Energy and Equipment Charge \$0.038964 per kWh

The average percentage increase in the total bill of customers under Rate TL, including a firm supply of electric generation, should the change be granted in full is 0.37%.

### **PROPOSED RATE OL**

### **OUTDOOR LIGHTING SERVICE**

## **OUTDOOR LIGHTING SERVICE, SHEET NO. 62.17**

### **APPLICABILITY**

Applicable for outdoor lighting services on private property with Company owned fixtures in the Company's entire service area where secondary distribution lines are adjacent to the premises to be served. Not applicable for lighting public roadways which are dedicated, or anticipated to be dedicated, except to meet the occasional singular need of a customer who has obtained written approval from the proper governmental authority.



For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This service will no longer be available for units installed after December 31, 2004.

#### TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within forty-eight (48) hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for damage, loss or injury resulting from any interruption in such lighting due to any cause. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum.

#### NET MONTHLY BILL

##### 1. Base Rate

##### A. Private outdoor lighting units:

The following monthly charge for each fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a maximum mast arm of 16 feet for overhead units will be assessed:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
<u>Standard Fixtures (Cobra Head)</u>				
<u>Mercury Vapor</u>				
7,000 lumen (Open Refractor)				
7,000 lumen	175	0.205	853	8.336
10,000 lumen	175	0.210	874	14.161
21,000 lumen	250	0.292	1,215	14.453
	400	0.460	1,914	15.917
<u>Metal Halide</u>				
14,000 lumen	175	0.210	874	14.166
20,500 lumen	250	0.292	1,215	14.452
36,000 lumen	400	0.460	1,914	15.916
<u>Sodium Vapor</u>				
9,500 lumen (Open Refractor)	100	0.117	487	8.517
9,500 lumen	100	0.117	487	11.066
16,000 lumen	150	0.171	711	13.058
22,000 lumen	200	0.228	948	12.469

27,500 lumen	100	0.117	487	11.073
27,500 lumen	200	0.228	948	12.500
50,000 lumen	400	0.471	1,959	11.084
<u>Decorative Fixtures (a)</u>				
<u>Mercury Vapor</u>				
7,000 lumen (Town & Country)	175	0.205	853	18.960
7,000 lumen (Aspen)	175	0.210	874	26.977

NET MONTHLY BILL (Contd.)

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
<u>Sodium Vapor</u>				
9,500 lumen (Town & Country)	100	0.117	487	28.922
9,500 lumen (Hologhane)	100	0.128	532	30.020
9,500 lumen (Gas Replica)	100	0.128	532	53.528
22,000 lumen (Rectilinear)	200	0.246	1,023	31.750

B. When requesting installation of a decorative unit, the customer may elect to make an additional contribution to obtain the monthly rate per unit charge for the same size standard (cobra head) outdoor lighting fixture.

C. Flood lighting units served in overhead distribution areas (FL):

The following monthly charge for each fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, will be assessed:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
<u>Mercury Vapor</u>				
21,000 lumen	00	0.460	1,914	14.719
<u>Metal Halide</u>				
20,500 lumen	50	0.246	1,023	10.879
36,000 lumen	00	0.460	1,914	14.719
<u>Sodium Vapor</u>				
9,500 lumen		0.117	487	10.273
22,000 lumen	00	0.246	1,023	10.879
30,000 lumen		0.246	1,023	10.878
50,000 lumen	00	0.480	1,997	11.970

00

00

Additional facilities, if needed will be billed at the time of installation.

The average percentage increase in the total bill of customers under Rate OL, including a firm supply of electric generation, should the change be granted in full is 1.59%.

**PROPOSED RATE NSU  
STREET LIGHTING SERVICE FOR NON-STANDARD UNITS**

**STREET LIGHTING SERVICE FOR NON-STANDARD UNITS, SHEET NO. 63.17**

**APPLICABILITY**

Applicable to municipal, county, state and Federal governments, including divisions thereof, hereafter referred to as Customer, for the lighting of public streets and roads with existing Company and Customer owned lighting fixtures. This service is not available for units installed after December 2, 1983.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

**TYPE OF SERVICE**

All equipment owned by the Company will be maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps maintained by the Company within forty-eight (48) hours after notification by the customer. The Company does not guarantee continuous lighting or electric service and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

**NET MONTHLY BILL**

The following monthly charge for each unit with lamp and luminaire, controlled automatically, will be assessed.

	<u>Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	Distribution Energy & Equipment <u>\$/Unit</u>
1. Base Rate	65	0.065	270	9.250
A. Company Owned	295	0.295	1,227	15.194
1) Steel boulevard units and 15	405	0.405	1,685	18.802
and 30ft. steel poles served 400		0.471	1,959	13.587
underground				
a. 1,000 lumen incandescent				
b. 4,000 lumen incandescent				

c. 6,000 lumen incandescent	148	0.148	616	5.751
d. 50,000 lumen sodium vapor	405	0.405	1,685	1.706
	100	0.115	478	6.213
2) Steel light units served overhead on Company owned pole				
a. 2,500 lumen incandescent				
b. 6,000 lumen incandescent				
c. 2,500 lumen mercury vapor				

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp;Equipment \$/Unit</u>
B. Customer owned				
1) Lighting system on steel poles served either overhead or underground with limited maintenance by Company				
a. 21,000 lumen mercury vapor	400	0.460	1,914	0.192
2) Fixtures mounted on Company owned pole served underground in conduit with limited maintenance by Company	400	0.460	1,914	15.178
a. 21,000 lumen mercury vapor				
(Two fixtures per pole)				

The average percentage increase in the total bill of customers under Rate NSU, including a firm supply of electric generation, should the change be granted in full is 1.69%.

#### **PROPOSED RATE NSP**

#### **PRIVATE OUTDOOR LIGHTING FOR NON-STANDARD UNITS**

#### **PRIVATE OUTDOOR LIGHTING FOR NON-STANDARD UNITS, SHEET NO. 64.17**

#### **APPLICABILITY**

Applicable to service for outdoor lighting on private property with Company owned overhead lighting fixtures in the Company's entire territory where secondary distribution lines are adjacent to the premise to be served. Not applicable to service for lighting of dedicated or undedicated public thoroughfares.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

## TYPE OF SERVICE

All equipment will be installed, owned and maintained by the Company on rights-of-way provided by the customer. The Company will perform maintenance only during regularly scheduled working hours and will endeavor to replace burned-out lamps within forty-eight (48) hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for damage, loss or injury resulting from any interruption in such lighting due to any cause. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum.

## NET MONTHLY BILL

### 1. Private outdoor lighting units:

The following monthly charge for Town and Country fixtures installed, or for which customer has contracted with Company to install, prior to March 1, 1991 will be assessed:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
9,500 lumen Sodium Vapor	100	0.117	487	13.089

The following monthly charge will be assessed for existing facilities, but this unit will not be available to new customers after March 2, 1972:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
2,500 lumen Mercury, Open Refractor	100	0.115	478	10.303
2,500 lumen Mercury, Encl. Refractor	100	0.115	478	14.564

### 2. Outdoor lighting units served in underground residential distribution areas:

The following monthly charge will be assessed for existing fixtures which include lamp and luminaire, controlled automatically, with an underground service wire not to exceed thirty-five (35) feet from the service point, but these units will not be available to new customers after March 1, 1991:

<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy</u>
-----------------------	----------------	-----------------------	--------------------------------

				& Equipment \$/Unit
7,000 lumen Mercury, Mounted on a 17-foot Fiberglass Pole	175	0.205	853	18.588
7,000 lumen Mercury, Mounted on a 30-foot Wood Pole	175	0.205	853	16.736

3. Flood lighting units served in overhead distribution areas:

The following monthly charge will be assessed for each existing fixture, which includes lamp and luminaire, controlled automatically, mounted on a utility pole, as specified by the Company, with a span of wire not to exceed one hundred twenty (120) feet, but these units will not be available to new customers after June 1, 1982:

NET MONTHLY BILL

	Lamp Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
52,000 lumen Mercury (35-foot Wood Pole)	1,000	1.102	4,584	14.283

The average percentage increase in the total bill of customers under Rate NSP, including a firm supply of electric generation, should the change be granted in full is 1.95%.

**PROPOSED RATE SC**

**STREET LIGHTING SERVICE - CUSTOMER OWNED**

**STREET LIGHTING SERVICE CUSTOMER OWNED, SHEET NO. 65.17**

APPLICABILITY

Applicable to municipal, county, state and Federal governments, including divisions thereof, and incorporated homeowners associations for the lighting of public streets and roads when the total investment and installation costs of the fixtures are borne by the customer. The fixture shall be a Company approved unit used in overhead and underground distribution areas.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This service will no longer be available for units installed after December 31, 2008.

## TYPE OF SERVICE

All equipment will be owned by the customer but may be installed by customer or Company with limited maintenance performed by the Company. Limited maintenance includes only fixture cleaning, relamping, and glassware and photo cell replacement. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within forty-eight (48) hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

## NET MONTHLY BILL

The following monthly charge for each lamp with luminaire, controlled automatically, will be assessed:

	<u>Lamp Watts</u>	<u>KW/Unit</u>	<u>Annual kWh</u>	<u>Distribution Energy &amp; Equipment \$/Unit</u>
1. Base Rate				
Fixture Description				
Standard Fixture				
(Cobra Head)				
Mercury Vapor				
21,000 lumen	400	0.430	1,788	0.425
Sodium Vapor				
9,500 lumen	100	0.117	487	1.653
16,000 lumen	150	0.171	711	1.653
22,000 lumen	200	0.228	948	1.659
27,500 lumen	250	0.318	1,323	0.833
50,000 lumen	400	0.471	1,959	0.975
Decorative Fixtures				
Sodium Vapor				
16,000 lumen (Hadco)	150	0.171	711	2.142
22,000 lumen (Rectilinear)	200	0.246	1,023	1.375
50,000 lumen (Rectilinear)	400	0.471	1,959	1.120

Where a street lighting fixture served overhead is to be installed on another utility's pole on which the Company does not have a contact, a monthly pole charge will be assessed:

<u>Pole Description</u>	<u>Pole Type</u>	<u>\$/ Pole</u>	
Wood			
30 foot	W30	5.24	
35 foot	W35	5.67	
40 foot	W40	6.39	
Aluminum			
	A12		14.04
12 foot	A28	7.42	

28 foot

#### Customer Owned and Maintained Units

The rate for energy used for this type street lighting will be shown below. The monthly kilowatt-hour usage will be mutually agreed upon between the Company and the customer. Where the average monthly usage is less than 150 kWh per point of delivery, the customer shall pay the Company, in addition to the monthly charge, the cost of providing electric service on the basis of time and material plus overhead charges. An estimate of the cost will be submitted for approval before work is carried out.

Distribution

\$0.006530 per kWh

The average percentage increase in the total bill of customers under Rate SC, including a firm supply of electric generation, should the change be granted in full is 0.26%.

#### **PROPOSED RATE SE**

#### **STREET LIGHTING SERVICE - OVERHEAD EQUIVALENT**

#### **STREET LIGHTING SERVICE – OVERHEAD EQUIVALENT, SHEET NO. 66.17**

#### **APPLICABILITY**

Applicable to municipal, county, state and federal governments, including divisions thereof, and incorporated homeowners associations, for the lighting of public streets and roads with Company lighting fixtures in underground distribution areas, where the customer elects to make a contribution for the installation of the fixture, mounting, pole and secondary wiring to obtain the rate/unit for the same size standard fixture (cobra head) in an overhead distribution area.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

Mercury Vapor lighting fixtures will not be installed by the Company after June 1, 2003. As currently installed Mercury Vapor fixtures are retired and/or replaced, they may be replaced with either Metal Halide or Sodium Vapor fixtures as the customer chooses.

This service will no longer be available for units installed after December 31, 2004.

#### **TYPE OF SERVICE**

All equipment will be installed, owned and maintained by the Company. All lamps will burn from dusk to dawn, approximately 4,160 hours per annum. The Company will endeavor to replace burned-out lamps within forty-eight (48) hours after notification by the customer. The Company does not guarantee continuous lighting and shall not be liable to the customer or anyone else for any damage, loss or injury due to any cause.

#### **NET MONTHLY BILL**

The following monthly charge for each lamp with luminaire, controlled automatically, will be assessed:



NET MONTHLY BILL (Cont'd)

	Lamp Watts	KW/Unit	Annual kWh	Distribution Energy & Equipment \$/Unit
1. Base Rate				
Fixture Description				
Decorative Fixtures				
<u>Mercury Vapor</u>				
7,000 lumen (Town & Country)	175	0.205	853	5.025
7,000 lumen (Holophane)	175	0.210	874	4.954
7,000 lumen (Gas Replica)	175	0.210	874	4.954
7,000 lumen (Aspen)	175	0.210	874	4.953
<u>Sodium Vapor</u>				
9,500 lumen (Town & Country)	100	0.117	487	8.080
9,500 lumen (Holophane)	100	0.128	532	7.929
9,500 lumen (Rectilinear)	100	0.117	487	8.083
9,500 lumen (Gas Replica)	100	0.128	532	7.930
9,500 lumen (Aspen)	100	0.128	532	7.931
22,000 lumen (Rectilinear)	200	0.246	1,023	8.452
50,000 lumen (Rectilinear)	400	0.471	1,959	10.649
<u>Metal Halide</u>				
14,000 lumen (Town & Country)	175	0.205	853	5.025
14,000 lumen (Granville)	175	0.210	874	4.954
14,400 lumen (Rectangular Cutoff)	175	0.210	874	14.051
14,500 lumen (Gas Replica)	175	0.210	874	4.953
36,000 lumen (Low Profile)	400	0.455	1,893	12.114

Additional facilities, other than specified above, if required, will be billed at the time of installation.

The average percentage increase in the total bill of customers under Rate SE, including a firm supply of electric generation, should the change be granted in full is 1.59%.

**PROPOSED RATE UOLS**

**UNMETERED OUTDOOR LIGHTING ELECTRIC SERVICE**

**UNMETERED OUTDOOR LIGHTING ELECTRIC SERVICE, SHEET NO. 67.17**

## APPLICABILITY

Applicable for electric energy usage only for any street or outdoor pole-mounted area lighting system (System), operating during the dusk to dawn time period, on private or public property and owned by the customer or the Company. The customer must be adjacent to an electric power line of the Company that is adequate and suitable for supplying the necessary electric service.

Service under this tariff schedule shall require a written agreement between the customer and the Company specifying the calculated lighting kilowatt-hours. The System shall comply with the connection requirements in the Company's Electric Service Regulations, Section III, Customer's and Company's Installations.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

## NET MONTHLY BILL

Computed in accordance with the following charge:

- |    |                        |                    |
|----|------------------------|--------------------|
| 1. | Base Rate Distribution | \$0.006531 per kWh |
|----|------------------------|--------------------|

The average percentage increase in the total bill of customers under Rate UOLS, including a firm supply of electric generation, should the change be granted in full is 0.26%.

## **PROPOSED RIDER LM LOAD MANAGEMENT RIDER**

### **LOAD MANAGEMENT RIDER, SHEET NO. 76.6**

## APPLICABILITY

Applicable to customers served under Rate DS, Rate DP or Rate TS. Rider LM is voluntary and offers customers the opportunity to reduce their demand charges by shifting electric load from peak to off-peak periods.

## TIER I CUSTOMERS

For purposes of this Rider LM, "Tier I Customers" refers to those customers where electric service is furnished under the provisions of Rate DS or DP.

### A. Charges

- i. The monthly Customer Charge of the applicable service tariff schedule will be increased by an additional monthly charge of seven dollars and fifty cents (\$8.27) for each installed time of use (TOU) meter.
- ii. The Demand provision of the applicable service tariff schedule shall be modified to the extent that the billing demand shall be based upon the On Peak Period, as defined below.

- B. For purposes of determining the On Peak Period and the Off Peak Period as applicable to Tier I Customers, the Summer Season is the period beginning June 1 and ending September 30 for customers with demand meters with programmable TOU registers. For Tier I Customers with interval metering, the Summer Season is as defined below for Tier II Customers.
- C. For purposes of determining the On Peak Period and the Off Peak Period as applicable to Tier I Customers, the Winter Season consists of all other days which have not been recognized in the Summer Season.
- D. At the Company's discretion, Company will install a demand meter with programmable TOU register as such metering equipment and Company personnel are available. The customer will be required to pay the current installed cost of the TOU metering equipment in excess of the current installed cost of the standard demand register equipment, normally installed by the Company, which is required under the provisions of the applicable service tariff schedule. All metering equipment shall remain the property of the Company, which shall be responsible for its installation, operation, maintenance, testing, replacement, or removal.

#### TIER II CUSTOMERS

For purposes of this Rider LM, "Tier II Customers" refers to those customers where electric service is furnished under the provisions of Rate TS.

##### A. Charges

- i. The monthly Customer Charge of the applicable service tariff schedule will be increased by an additional monthly charge of one hundred fifty dollars (\$150.00).

#### TIER II CUSTOMERS (continued)

- ii. The Demand provision of the applicable service tariff schedule shall be modified to the extent that the billing demand shall be based upon the On Peak Period, as defined below, provided however that in no case shall the billing demand be less than:
  - (a) Fifty percent (50%) of the highest fifteen (15) minute demand established during the Off Peak Period; or
  - (b) the billing demand as determined in accordance with the minimum Demand provisions of the applicable service tariff schedule.
- iii. For purposes of determining the On Peak Period and the Off Peak Period as applicable to Tier II Customers, the Summer Season begins with consumption after the customer's May meter reading and ends with the consumption billed as a result of the September meter reading. The following is an example of how the summer period by billing cycle is defined: For customers in the first billing cycle (Cycle 1), the summer billing season would cover the approximate period

of May 1 through September 1. For customers in the last billing cycle (Cycle 21), the summer period would cover the approximate period of May 31 through September 30. The meter reading dates by billing cycle will vary based on the Company's meter reading schedule.

- iv. The Winter Season consists of all other days which have not been recognized in the Summer Season.

#### **OFF PEAK PROVISION**

The Off Peak Period for the summer season is defined as the period from 8:00 p.m. of one day to 11:00 a.m. of the following day; Friday from 8:00 p.m. to 11:00 a.m. of the following Monday; and from 8:00 p.m. of the day preceding a legal holiday to 11:00 a.m. of the day following that holiday. The Off Peak Period for the Winter Season is defined as the period 2:00 p.m. to 5:00 p.m. and from 9:00 p.m. of one day to 9:00 a.m. of the following day; Friday from 9:00 p.m. to 9:00 a.m. of the following Monday; and from 9:00 p.m. of the day preceding a legal holiday to 9:00 a.m. of the day following that holiday.

The following are recognized legal holidays as far as load conditions of the Company's system are concerned: New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, Christmas Day or with the exception that if the foregoing holidays occur on a Sunday, the following Monday is considered a holiday.

#### **ON PEAK PERIOD**

The On Peak Period is defined as all hours exclusive of the Off Peak Period hours set forth in the preceding section.

#### **TERMS AND CONDITIONS**

The term of contract shall be for a minimum period of one (1) year.

The Company shall not be required to increase the capacity of any service facilities in order to furnish off peak demands. The Company reserves the right, upon thirty (30) days notice to customers affected, to change the time or times during which on peak demands may be established.

#### **TERMS AND CONDITIONS (continued)**

The supplying and billing for service and all conditions applying thereto, are subject to the jurisdiction of the Public Utilities Commission of Ohio and to the Company's Service Regulations currently in effect, as filed with the Public Utilities Commission of Ohio.

#### **PROPOSED RATE RTP REAL TIME PRICING PROGRAM**

#### **REAL TIME PRICING PROGRAM, SHEET NO. 90.9**

## APPLICABILITY

Applicable to customers served under Rate DS, Rate DP, or Rate TS. The incremental cost of any special metering required for service under this Program beyond that normally provided under the applicable Standard Tariff shall be borne by the Customer. Customers must enter into a service agreement with a minimum term of one year. Customers electing a Certified Supplier will not be eligible to participate in the Program.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Electric Security Plan Standard Service Offer.

## ENERGY DELIVERY CHARGES

The hourly Energy Delivery Charge is a charge for using the distribution system to deliver energy to the customer. The applicable hourly Energy Delivery Charge (Credit) shall be applied on an hour by hour basis to customer's incremental (decremental) usage from the CBL.

Charge (Credit) For Each kW Per Hour From The CBL:

Rate DS .....	\$ 0.016766 per kW per Hour
Rate DP.....	\$ 0.024376 per kW per Hour
Rate TS.....	\$ 0.000000 per kW per Hour

The kW Per Hour incremental or decremental usage from the CBL shall be adjusted to reflect applicable metering adjustments under the standard Rate Schedule.

## PROGRAM CHARGE

Company will provide Internet-based communication software to be used to provide customer with the Price Quotes. Customer will be responsible for providing its own Internet access. A charge of \$325 per billing period per customer shall be added to customer's bill to cover the additional billing, administrative, and cost of communicating the hourly Price Quotes associated with the RTP Program.

Customer may purchase from either Company or any other third-party suppliers any other necessary equipment or software packages to facilitate participation in this program. While customers are encouraged to use such equipment or software packages to maximize benefits under this Program, it is not a requirement for program participation. It is customer's responsibility to ensure the compatibility of third-party equipment or software packages with any Company-owned equipment or software packages.

The average percentage increase/decrease in the total bill of customers under RTP-DS, RTP-DP, and RTP- TS, including a firm supply of electric generation, should the change be granted in full is 0.71%, -0.36% and 0.00% respectively.

## OTHER PROPOSED CHANGES

The Company proposes to make the following additional changes to its electric tariff:

1. **Rider NM-H, Net Metering Rider - Hospitals, Sheet No. 47.3, Billing.** The following provision is added as follows:

The Company shall recover from all ratepayers the cost of the net metering through Rider UE-GEN, Uncollectible Expense – Electric Generation Rider in the Company's annual Rider UE-GEN update filings before the Commission.

2. **Rider NM, Net Metering Rider, Sheet No. 48.5, Billing.** The section is changed as follows:

The measurement of net electricity supplied by Company and delivered to Company shall be calculated in the following manner. Company shall measure the difference between the amount of electricity delivered by Company to Customer and the amount of electricity generated by the Customer and delivered to Company during the billing period, in accordance with normal metering practices. If the kWh delivered by Company to the Customer exceeds the kWh delivered by the Customer to Company during the billing period, the Customer shall be billed for the kWh difference, and any applicable demands used in the calculation shall be based on the meter channel that records power flowing from the Company to the Customer. If the kWh generated by the Customer and then delivered to Company exceeds the kWh supplied by the Company to Customer during the billing period, the Customer shall be credited the kWh difference (excess generation credit). The Company will provide excess generation credits only to customers that receive generation service through the Company's Standard Service Offer. The excess generation credit shall be calculated using the kWh charge as determined by Rider RC, Retail Capacity and Rider RE, Retail Energy, of the applicable rate tariff, and any applicable demands used to calculate the credits shall be based on the meter channel that records power flowing from the Customer to the Company. The Customer may request in writing a refund that amounts to, but is not greater than, an annual true-up of accumulated credits over a twelve month period.

Bill charges and credits will be in accordance with the standard tariff that would apply if the Customer did not participate in this rider.

The Company shall recover from all ratepayers the cost of the net metering excess generation credits through Rider UE-GEN, Uncollectible Expense – Electric Generation Rider in the Company's annual Rider UE-GEN update filings before the Commission.

3. **Rate OL-E, Outdoor Lighting Equipment Installation, Sheet No. 68.4, Contract For Service.** The first paragraph in this section is changed as follows:

The Customer will enter into an Outdoor Lighting Equipment Agreement, herein 'Agreement', with the Company for an initial term not to exceed twenty years and automatically renewable annually thereafter. Termination by either party shall require 120 days advance written notice. The Agreement shall specify the lighting equipment to be installed and owned by the Company, the

term of the agreement, itemized monthly charges for the equipment, maintenance terms, and any other necessary information.

4. **Rate LED, LED Outdoor Lighting Electric Service, Sheet No. 69.** The Company proposes a new LED outdoor lighting service with the following applicability and characteristics:

#### APPLICABILITY

To any customer for the sole purpose of lighting roadways or other outdoor land use areas with LED technology fixtures; served from Company fixtures of the LED type available under this rate schedule. Service hereunder is provided for the sole and exclusive benefit of the customer, and nothing herein or in the contract executed hereunder is intended to benefit any third party or to impose any obligation on the Company to any such third party.

Service under this tariff schedule shall require a written agreement between the customer and the Company specifying the calculated lighting kilowatt-hours. The LED System shall comply with the connection requirements in the Company's Electric Service Regulations, Section III, Customer's and Company's Installations.

For customers taking service under any or all of the provisions of this tariff schedule, this same schedule shall constitute the Company's Standard Service Offer.

#### CHARACTER OF SERVICE

Automatically controlled lighting service (i.e., photoelectric cell, or digitally controlled node); alternating current, 60 cycle, single phase, at the Company's standard voltage available. This service may include "smart" lighting technologies, at the sole discretion of the Company.

The Company will provide unmetered electric service based on the calculated annual energy usage for each luminaire's lamp wattage plus ballast usage (impact wattage). The LED System kilowatt-hour usage shall be determined by the number of lamps and other LED System particulars as defined in the written agreement between the customer and Company. The monthly kilowatt-hour amount will be billed at the rate contained in the NET MONTHLY BILL section below.

5. **Charge For Reconnection of Service, Sheet No. 92.4, Contract For Service.** The charges will change as follows:

The Company may charge and collect in advance the following:

- A. The reconnection charge for electric service which has been disconnected due to enforcement of Sheet No. 20 Paragraph 3(a), (c), (d), (e),

(f), (g), (h), (i), (j), or (k) of the Company's Electric Service Regulations shall be twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely.

B. The reconnection charge for electric service which has been disconnected due to enforcement of Sheet No. 26 of the Company's Electric Service Regulations (disconnection for nonpayment) shall be twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely.

C. If both the electric service and the gas service have been disconnected, the reconnection charge shall be the sum of the gas charge set forth in the applicable gas tariff plus the applicable charge for electric service, as set forth above, except that such charge shall not exceed eighty-eight dollars (\$88.00).

D. Notwithstanding any other provisions, where electric service was disconnected at the pole because the Company was unable to gain access to the meter, the reconnection charge will be \$125.00.

E. If service is discontinued because of tampering or fraudulent use thereof, the Company may charge and collect twenty-five dollars (\$25.00) for reconnections that can be accomplished remotely or seventy-five dollars (\$75.00) for reconnections that cannot be accomplished remotely and, in addition, for damage to Company property and all other charges and fees as specified in section 4901:1-18-07 of the Ohio Administrative Code.

F. If the Company receives notice after 12:30 p.m. of a customer's desire for same day reinstatement of service and if the reconnection cannot be performed during normal business hours, the after hour reconnection charge for connection at the meter will be \$100.00, or \$25.00 if a remote reconnection is possible. The after hour charge for reconnection at the pole will be \$200.00.

**6. Section VII, Electric Service Regulations, Sheet No. 26.6.**

This tariff sheet is being renamed "Non-Payment – Disconnection and Reconnection."

**7. Section VII, Electric Service Regulations, Sheet No. 23.6.**

The following sentence is being added to section 3: "The Company is not responsible for performing wiring investigations on the customer's side of the point of delivery."

Also, the Special Customer Services section is being replaced with new verbiage.



The above proposed provisions, rates, and charges are subject to changes, including changes as to amount and form, by The Public Utilities Commission of Ohio following a public hearing on the filed application. Recommendations that differ from the filed application may be made by the Staff of The Public Utilities Commission of Ohio or by intervening parties and may be adopted by the Commission.

Any person, firm, corporation or association may file, pursuant to Section 4909.19 of the Revised Code, an objection to such proposed increased rates by alleging that such proposals are unjust and discriminatory or unreasonable.

Any person, firm, corporation or association may file a motion to intervene. Intervenor may obtain copies of the application and other filings made by the Company by contacting Ms. Dianne Kuhnell at (513) 287-4337, Duke Energy Ohio, Inc.

WHEREFORE, since the rates, prices, charges, and other provisions in Duke Energy Ohio's current electric rate schedules do not yield just and reasonable compensation to Duke Energy Ohio for supplying electric distribution service to the customers to which they are applicable, do not yield a just and reasonable return to Duke Energy Ohio on the value of the property used for furnishing such electric distribution service to such customers, and result in the taking of Duke Energy Ohio's property for public use without compensation and without due process of law, Duke Energy Ohio respectfully prays that your Honorable Commission:

- (a) Accept this Application for filing;
- (b) Find that this Application and the attached Schedules filed herewith and incorporated herein, are in accordance with R. C. 4909.18 and the Rules of the Commission;
- (c) Approve the Form of Notice in the attached Schedule S-3;
- (d) Find that the current rates, prices, and charges for electric service are unjust, unreasonable and insufficient to yield reasonable compensation to Duke Energy Ohio for the electric distribution service rendered;
- (e) Find that the proposed rates, prices, and charges are just and reasonable based upon the test period for the twelve months ending March 31, 2017, and approve such schedules in the form tendered herewith;
- (f) Find that Duke Energy Ohio is in compliance with R. C. 4905.35;
- (g) Approve Duke Energy Ohio's Application for an Increase in Electric Distribution Rates consistent with the Commission's approval of Duke Energy Ohio's proposed rates in Case No. 17-32-EL-AIR;

- (h) Approve Duke Energy Ohio's Application for Tariff Approval consistent with the Commission's approval of Duke Energy Ohio's proposed tariffs in Case No. 17-33-EL-ATA;
- (i) Approve Duke Energy Ohio's Application for Approval to Change Accounting Methods consistent with the Commission's approval of Duke Energy Ohio's proposed deferrals in Case No. 17-34-EL-AAM;
- (j) Fix the date on or after which applicable services provided to non-residential customers are subject to the proposed rates at January 1, 2018; and
- (k) Fix the date on or after which applicable services provided to residential customers are subject to the proposed rates at January 1, 2018.

A copy of the Application, including a copy of the present and proposed rate sheets, may be inspected by any interested party at the office of the Commission, 180 East Broad Street, Columbus, Ohio 43266-0573; or at the following business offices of the Company: 139 East Fourth Street, Cincinnati, Ohio.

Any interested party seeking detailed information with respect to all affected rates, charges, regulations and practices may inspect a copy of the application, including supporting schedules and present and proposed rate sheets, by either of the following methods: by visiting the offices of the Commission at 180 East Broad Street, 13<sup>th</sup> Floor, Columbus, Ohio, 43215-3793; or by visiting the Commission's web site at <http://www.puco.ohio.gov>, selecting DIS, inputting 17-32 in the case-lookup box, and selecting the date the application was filed. Additionally, a copy of the application and supporting documents may be viewed at the business office of the Company at 139 East Fourth Street, Cincinnati, Ohio.

DUKE ENERGY OHIO, INC.