### AG-DR-01-040

### **REQUEST:**

With regard to Meters investment, provide the following amounts included in the Company's forecasted test year, and where each of these amounts can be found in the record:

- a. total Smart Meter gross investment;
- b. total Smart Meter depreciation reserve;
- c. total Smart Meter depreciation expense;
- d. number of residential Smart Meters;
- e. residential Smart Meter gross investment;
- f. residential Smart Meter depreciation reserve; and,
- g. residential Smart Meter depreciation expense.

### **RESPONSE:**

- a. Smart Meter gross investment is \$22,410,553. Reference schedule B-2.1, page 10 of 12, line 18.
- b. Smart Meter depreciation reserve is \$639,726. Reference schedule B-3, page 10 of 12, line 18.
- c. Smart Meter depreciation expense is \$1,703,202. Reference schedule B-3.2, page 4 of 6, line 18.

- d. Duke Energy Kentucky projected that its AMI deployment would be complete by the end of the forecasted test year, including 131,700 residential electric meters.
- e. Amounts included in the test period were calculated on a total meter basis only. Details specifically for residential meters have not been calculated.
- f. See response to AG-DR-01-040e.
- g. See response to AG-DR-01-040e.

PERSON RESPONSIBLE:

.

Don Schneider / Robert H. Pratt

Duke Energy Kentucky Case No. 2017-00321 Attorney General's First Set Data Requests Date Received: October 27, 2017

### AG-DR-01-041

### **REQUEST:**

Refer to the Direct Testimony of Ms. Bellucci at page 3, lines 15-19. Provide the calculations of estimated test year property tax expense supplied to Mr. Pratt, including copies of the sources of the property tax rates, in electronic format with all formulas intact.

### **RESPONSE:**

See "AG-DR-01-041 Attachment 1" for calculation of estimated test year property tax expense. See "AG-DR-01-041 Attachment 2" for copies of 2015 KY property tax bills and "AG-DR-01-041 Attachment 3" for copies of 2016 OH property tax bills, which served as basis for forecasted rates. All property tax bills include Electric and Gas.

### PERSON RESPONSIBLE: Cooper Monroe

### Calculation of blended rate for forecasting purposes:

Based on 2015 property taxes, to be paid in	2016, amounts estimat	ed (\$0	00s)*					1% Annual	Escalation	
				N	et Tangible		and the second			
Entity	State		Tax		Plant	2015 rates	2016 rates	2017 rates	2018 rates	2019 rates
Duke Energy Kentucky - Electric	Kentucky	\$	5,452			0.824%	0.832%	0.841%	0.849%	0.857%
Duke Energy Kentucky - Electric	Ohio	\$	2,829			0.428%	0.432%	0.437%	0.441%	0.445%
				\$	661,394					
Duke Energy Kentucky - Common	Kentucky	s	257	\$	9,126	2.816%	2.844%	2.873%	2.901%	2.930%
		-	8,538							

\*actual 2015 property taxes paid in 2016 totaled \$8,461 for these categories

Calculation of forecasted property tax expense, with and without escalation:

18           17         \$           18%         \$           14         \$           17         \$           14         \$           17         \$           17         \$           17         \$           17         \$           17         \$           17         \$           17         \$           17         \$           17         \$           17         \$           17         \$           17         \$           17         \$           17         \$           18         \$           19         \$           10         \$           10         \$           10         \$           10         \$           10         \$           10         \$           11         \$           12         \$           13         \$	01-03/19 998,949 0.857% 983,907 0.849% 3 2,088 998,949 0.445% 983,907 0.445% 983,907 0.445% 3 1,085		<u>Test Period</u> 7,080 3,678	\$ \$ \$ \$ \$ \$	04-12/18 983,907 0.824% 791,844 0.82% 9 4,894 983,907 0.428% 791,844 0.43% 92,542	\$ \$ \$ \$	01-03/19 998,949 0.824% 983,907 0.82% 3 2,027 998,949 0.428% 983,907 0.43% 3 1,053	\$	6,920 3,595
9% 9 9 2 5 7 % 4 \$ 9 9 7 % 4 \$ 9 9 9 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.857% 983,907 0.849% 3 2,088 998,949 0.445% 983,907 0.441% 3			\$ \$	0.824% 791,844 0.82% 9 4,894 983,907 0.428% 791,844 0.43% 9	\$ \$	0.824% 983,907 0.82% 3 2.027 998,949 0.428% 983,907 0.43% 3	\$	
9% 9 9 2 5 7 % 4 \$ 9 9 7 % 4 \$ 9 9 9 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0.857% 983,907 0.849% 3 2,088 998,949 0.445% 983,907 0.441% 3			\$ \$	0.824% 791,844 0.82% 9 4,894 983,907 0.428% 791,844 0.43% 9	\$ \$	0.824% 983,907 0.82% 3 2.027 998,949 0.428% 983,907 0.43% 3	\$	
% 9 2 \$ 7 % 4 \$ 9	0.849% 3 2,088 998,949 0.445% 983,907 0.441% 3			\$	0.82% 9 4,894 983,907 0.428% 791,844 0.43% 9	\$	0.82% 3 2,027 998,949 0.428% 983,907 0.43% 3	\$	
2 \$ 7 \$ % 4 \$ 9	2,088 998,949 0.445% 983,907 0.441% 3			\$	4,894 983,907 0.428% 791,844 0.43% 9	\$	2,027 998,949 0.428% 983,907 0.43% 3	\$	
97 \$ % 4 \$ 9	998,949 0.445% 983,907 0.441% 3			\$	983,907 0.428% 791,844 0.43% 9	\$	998,949 0.428% 983,907 0.43% 3		
% 4 \$ % 9	0.445% 983,907 0.441% 3	\$	3,678	\$	0.428% 791,844 0.43% 9	\$	0.428% 983,907 0.43% 3		3 505
4 \$ % 9	983,907 0.441% 3	\$	3,678	_	791,844 0.43% 9	\$	983,907 0.43% 3		3 505
%	0.441% 3	\$	3,678	_	0.43% 9	È	0.43% 3		3 505
9	3	\$	3,678	\$	9		3		3 595
3 \$	1,085	\$	3,678	\$	2 542	S			3 505
				-	2,012	-		-	5,585
7) \$	(10,781)			\$	(6,327)		(10,781)		
%	70.000%			-	70.000%		70.000%		
	2.930%			ð	2.816%		2.816%		
	(4,429) 2,90%			\$	(500) 2.82%		(4,429) 2.82%		
9	3	2.1			9		3		
1) \$	(32)	\$	(43)	\$	(11)	\$	(31)	\$	(42)
4 \$	3,141	\$	10,715	\$	7,425	\$	3,048	\$	10,473
	(1) \$ 4 \$	1%     2.930%       00) \$     (4,429)       1%     2.90%       9     3       11) \$     (32)       74     \$	1%     2.930%       00) \$     (4,429)       1%     2.90%       9     3       11) \$     (32) \$       74     \$	1%       2.930% $200$ ) \$ (4,429) $1%$ 2.90% $9$ 3 $11$ ) \$ (32) \$ (43) $14$ \$ 3,141 \$ 10,715	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1% $2.930%$ $2.816%$ $00)$ \$       (4.429)       \$       (500) $1%$ $2.90%$ $2.82%$ 9       2.82% $9$ $3$ $9$ $9$ $9$ $9$ $11)$ \$ $(32)$ \$ $(43)$ $5$ $(11)$ $74$ \$ $3.141$ \$ $10.715$ \$ $7.425$	1% $2.930%$ $2.816%$ $00)$ \$ $(4,429)$ \$ $(500)$ \$ $1%$ $2.90%$ \$ $2.82%$ 9       9       3       9       9       3       (43)       9       \$       (11) \$       \$       (11) \$       \$       7.425 \$       \$       7.425 \$       \$       \$       7.425 \$       \$       \$       \$       7.425 \$       \$<	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1% $2.930%$ $2.816%$ $2.816%$ $00)$ \$ $(4.429)$ \$ $(500)$ \$ $(4.429)$ $1%$ $2.90%$ $2.82%$ $2.82%$ $2.82%$ $2.82%$ $9$ $3$ $9$ $3$ $9$ $3$ $11)$ $5$ $(11)$ $5$ $(11)$ $5$ $74$ $3.141$ $10.715$ $5$ $7.425$ $3.048$ $$$

12/4/2015

For County, School or Special Taxes

---- G1A255(01-06)

Commonwealth of Kentucky

### PROPERTY TAX STATEMENT PUBLIC SERVICE COMPANY

**Return Payment To:** 

Iterui II I	ayment io.		Qei micanon date.	121-12010
			Print date :	12/7/2015
Sheriff	Howard Wayne Nie	meier		
County	Bracken		GNC:	005260
Address	PO Box 186		TYPE CO:	GEU
	Brooksville KY 4100	)4	TAX TYPE:	035
		Assessment 2015 Tax Bill	Date	03/31/2016

Name: DUKE ENERGY KENTUCKY INC

Street: 550 SOUTH TRYON DEC-41B

City: CHARLOTTE State: NC Zip: 28202-0000

Attn: DAVID WRIGHT

### PAYMENT INSTRUCTIONS

This statement for public service company property taxes is due and payable 30 days after notice. (KRS 136.050 (2). No discount is allowable for early payment. If not paid within 30 days, a 10 percent penalty plus a 10 percent sheriff's add-on fee (KRS 134.430(3) of total tax and interest at the tax interest rate p KRS 131.183 per annum applies. Make payme to sheriff of county named on statement.

Certification date:

Property C	lass-Rate Per	\$ 100				Value W	County MARAP	School	Special
Real Esta	te County	0.3960		T	\$	33,400.00			
	Health	0.0480			1	1	\$16.03		
	Ambulance	0.0860		1		j – j	\$28.72		
	Extension	0.0670		1			\$22.38		
	Soil	0.0200		1			\$6.68		
	Library	0.0920					\$30.73		·
Real Esta	te School	0.3690			\$	33,400.00		\$123.25	 
Tangible	County	0.3960		<u> </u>	\$	358,305.00	\$1,418.89		
	Health	0.0480				1	\$171.99		
	Ambulance	0.0860		1	1		\$308.14		
······································	Extension	0.0670					\$240.06		
	Library	0.0920					\$329.64		
Tangible	School	0.3690		<u> </u>	\$	358,305.00		\$1,322.15	
Totals By	Taxing Dist	rict A	>>>>>	>>>>>	<b> </b> >>>	>>>>>	\$2,705.53	\$1,445.39	

Ma Dater

Total Tax

\$4,150.92

County Clerk

Payment Received By:

Sheriff/Deputy

Date \_\_\_\_\_

### Property Tax Bill

Commonwealth of Kentucky 2015 Boone County Franchise Bill Today's Date: Wednesday, December 9, 2015

Payable To: Helmig County Sheriff O Conrad Lane O Box 198 Burlington, KY 41005

DUKE ENERGY KENTUCKY INC DAVID WRIGHT 550 SOUTH TRYON DEC 41B CHARLOTTE, NC 28202-0000

Property Location:

Property Description:

#### Assessment:

Bill Date: December 9, 2015 Bill Number: 3 Map Number: PVA Account Number: GNC 005260 Tax District: 00

Deed Book / Deed Page: /

Farm Acres: County Clerk: Kenny Brown

PRIMA

Property Class	Tax Authority	Assessed Value	Rate / \$100	Tax
REAL_ESTATE	COUNTY	96,925,845 00 *	0 1050	101,772 14
REAL_ESTATE	SCHOOL BOONE	94,417,713 000	0 6440	608,050,07
REAL_ESTATE	LIBRARY	96.925.845 00	0 0520 -	50,401 44
REAL_ESTATE	HEALTH	96 925,845 00	0 0190 -	18,415 91
REAL_ESTATE	EXTENSION	0194 296,925,845 00	0.0180 🧹	17,446 65
REAL_ESTATE	BEI LEVIEW FIRE	× 20 462,173.00 •	0.2000	40,924.35
REAL_ESTATE	BURLINGTON FIRE	9,294,903.00 •	0 1700	15,801.34
REAL_ESTATE	FLORENCE FIRE	8,234,475.00 0	C 1000	8,234.48
REAL ESTATE	HEBRON FIRE	10,121,480 00 •	0.1220	12,348.21
REAL ESTATE	PETERSBURG FIRE	130.526.00	0.2000	261.05
REAL ESTATE	PT. PLEASANT FIRE	/ 5,037,797 00	0.1750	8,816.14
REAL_ESTATE	UNION FIRE	/11,633,037.00%	0.1670	19,427.17
REAL_ESTATE	VERONA FIRE	97.971.00*	0.1850	181.25
REAL_ESTATE	WALTON FIRE	3,949,332.00	0.1990	7,859.17
REAL ESTATE	SCHOOL GRADED	2,508,132.00	1 0960	27,489.13
ANG 45	COUNTY	\$50,225,507.00 e	0 1240	62,279,63
ANG .45	SCHOOL BOONE	45,734,855.000	0.6440	294,532.47
ANG .45	LIBRARY	A /80.225,507.00 = =	> 0.0520	26,117,26
ANG 45	HEALTH	2 50,225,507 00 -	- 0.0190	9,542 85
ANG .45	EXTENSION	50,225,507.00	0.0430	21,596 97
ANG 45	BELLEVIEW FIRE		0.1600	1,474.48
ANG 45	BURLINCTON FIRE	\$ 402,586.00 e	0 2000	10,805.17
ANG 45	FLORENCE FIRE	5.017,983.00 %	0 1000	5,017 98
ANG 45	HEBRON FIRE	7,563,670,000	0 1220	9,227.68
ANG 45	PETERSBURG FIRE	1,999,780 00+	0 1000	1,999,78
ANG 45	PT PLEASANT FIRE	2,330,099.00 4	0.1750	4,077 67
ANG 45	UNION FIRE	V4 922,782 00 V	0 2000	9.845.56
ANG 45	VERONA FIRE	/ 927.053 00	0 1850	1,715.05
ANG 45	WALTON FIRE	7,106 696 00 4	0 2000	14,213 39
ANG 45	SCHOOL - GRADED	/ 4 490.652 00 )	1 0960	49,217 55
		Total Asses	sment	1,459,091.99

Adjustments:

Adjustment Type Assessment Type Assessed Value Amount

Total Adjustments:

GROSS TAX IS DUE WITHIN 30 DAYS OF THIS NOTICE. IF NOT PAID, A 10% PENALTY PLUS 10% INTEREST PER ANNUM WILL APPLY.

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 3 of 84

# 2015 BOONE COUNTY PROPERTY TAX BILL



Michael A. Helmig, Boone County Sheriff (859) 334-2175 3000 Conrad Lane, Burlington, KY Kenny Brown, Boone County Clerk



rty Description: 4.287 AC ON GRAVES RD (35-51B) rty Location : GRAVES RD

g District	Rate per \$100	Taxable Value	Tax Amount
	0.1220	\$128,600	\$156.89
γ	0.1050	\$128,600	\$135.03
۶L	0.6440	\$128,600	\$828.18
Y	0.0520	\$128,600	\$66.87
4	0.0190	\$128,600	\$24.43
SION	0.0180	\$128,600	\$23.15
N FIRE	0.1220	\$128,60D	\$156.89
	-		
	Gross Ta	ax Due	\$1,391.44

.

Map Number:		035.00-00-05	51.02				
	Bank Code:	0	,				
	Deed Book:	985 -103					
District:		COMMON	COMMON				
	Exemption:						
	(Homestead/L	visability)					
	Amount Due	if:					
ĺ	Paid by	11/01/15	\$1,363.61				
	Paid by	12/31/15	\$1,391.44				
İ	Paid by	1/31/16	\$1,461.01				

Bill Number: 4728

1/31/16 \$1,683.64 Paid after The Sheriff's Department collects the above tax

through the close of business on 4/15/2016



IF YOU HAVE AN ESCROW ACCOUNT, PLEASE CONFIRM PAYMENT WITH YOUR MORTGAGE COMPANY

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 4 of 84

"The Place to Be"

Visit Our Website www.cityofwalton.org



### 2015 Public Service Tangible Tax Statement For questions about your bill, please call the following number: 859-485-4383

DUKE ENERGY KENTUCKY INC DAVID WRIGHT 550 SOUTH TRYON DEC-41B CHARLOTTE, NC 28202-0000

Property Information PIDN: PU 2015 T		Property Value Asse Tangible Amount:	\$ 2,122,339.00
County: BOONE		Tax Rate:	2.31 per 1,000
Description	Tax Amount	2% Discount	Amount Due
2015 Tangible Tax	4,902.60	-98.05	\$4,804.55
A 2% discount if pai	d by January 12 :		\$4,804.55
At face value if paid	by February 12:		\$4,902.60
A 5% penalty if paid	after March 12:		\$5,147.73
A 10% penalty if pair	after April 12:		\$5,392.86

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 5 of 84

"The Place to Be"

Visit Our Website www.cityofwalton.org



### 2015 Public Service Tax Statement For questions about your bill, please call the following number: 859-485-4383

DUKE ENERGY KENTUCKY INC DAVID WRIGHT 550 SOUTH TRYON DEC-41-B CHARLOTTE, NC 28202-000

Property Info	Property Value Assessments			
PIDN: 2015 RE		Amount	\$ 2,174,1	59.00
County: BOONE		Tax Rate:	1.01 per	1,000
Description	Tax Amount	Discount	Ą	mount Due
2015 Tax	2,195.90		-43.93	\$2,151.98
A 2% discount if paid by At face value if paid by				\$2,151.98 \$2,195.90
A 5% penalty if paid after A 10% penalty if paid after	er March 12:			\$2,305.70 \$2,415.49

re issued to the listed property owner as January 1st cycar. If the previous owner receives the bill, they forward the bill to the new owner. We do not have to the new deed transfers. If you purchased property ear, you need to call or go to the city website to obtain a of tax bill for your property. Postmarks are accepted, if payments to: City Clerk/Treasurer, City of Union, KY, 243 Mt. Zion Rd., Union, KY 41091-9534

DUKE ENERGY KENTUCKY INC SHAWN PITTMAN & DAVID WRIGHT - TAX DEPT 550 SOUTH TRYON DEC-41B CHARLOTTE NC 28202

### **Property Description:**

PIDN: R20.15-00-001.32 Location: Assessed Value \$2,078,163.00 Taxable Value: \$2,078,163.00 Legal Description: PUBLIC SERVICE BRANCH

Description	Rate	Amount	Discount	Due
Real Property	2.16000	\$4,488.83	(\$89.78)	\$4,399.05
Delinquent Taxes: ATTENTION: If your tax is to be paid through	an escrow account, please forw	ard this bill to		\$0.00
	iplicate payment.			
your mortgage company immediately to avoid d Total due by Feb. 29, 2014 Discount Amount)				\$4,399.05

DETACH AND RETURN THE BOTTOM PORTION WITH PAYMENT = City of Union - Property Tax Bill 2015

If you wish to have a receipt, enclose a self-addressed, stamped envelope for us to mail a receipt back to you.

If requested us can email which a can a flag tow information is sure the state the state in



2015 Tax Bill

# 2328

Available on site for payments: 24-HR DROP BOX

Union City Building Office Hours: 10:00 a.m. to 4:00 p.m. Monday - Friday Closed most Fed. & State Holidays PH: (859) 384-1511 FX: (859) 384-7760

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 7 of 84



fax bills are issued to the listed property owner as January 1st of the tax year. If the previous owner receives the bill, they should forward the bill to the new owner. We do not have access to the new deed transfers. If you purchased property this year, you need to call or go to the city website to obtain a copy of tax bill for your property. Postmarks are accepted, mail payments to: City Clerk/Treasurer, City of Union, KY, 1843 Mt. Zion Rd., Union, KY 41091-9534



2015 Tax Bill

# 2327

Available on site for payments: 24-HR DROP BOX

Union City Building Office Hours: 10:00 a.m. to 4:00 p.m. Monday - Friday Closed most Fed. & State Holidays PH: (859) 384-1511 FX: (859) 384-7760

Jackrein

### DUKE ENERGY KENTUCKY INC SHAWN PITTMAN & DAVID WRIGHT - TAX DEPT 550 SOUTH TRYON DEC-41B CHARLOTTE NC 28202

### **Property Description:**

PIDN: P20.15-00-001.31 Location: Assessed Value \$830,880.00 Taxable Value: \$830,880.00 Legal Description: PUBLIC SERVICE BRANCH

Description	Rate	Amount	Discount	Due
Tangible Property	1.88000	\$1,562.05	(\$31.24)	\$1,530.81
Delinquent Taxes: ATTENTION: If your tax is to be paid through	an escrow account, please forw	ard this bill to		\$0.00
your mortgage company immediately to avoid d Total due by Feb. 29, 20/6 (Discount Amount				\$1,530.81
	(Base Amount)			\$1,562.05

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 8 of 84



DATE	INVOICE NO
12/21/2015	0161510

BILL TO DUKE ENERGY KENTUCKY INC DAVID WRIGHT-TAX DEPT 550 SOUTH TRYON ST-DEC 41B CHARLOTTE, NC 28202-0000

· 7

					1	DUE DATE
						1/21/2016
DESCRIPTION	QUANTITY	EFFECTIVE RATE	AMOUNT	DISCOUNT	CREDIT	BALANCE
REVIOUS ACCOUNT BALANCE						0,00
ranchise Fees 2015;						
ranch Fee Real Prop	1.60	44,510,49	44,510.49	0.00	0.00	44,510,49
muchise Fees - Tangible Prop	3.00	45,095,97	45,095.97	0.00	0.00	45,095.97 J
		INVOICE TOTAL:	89,606.46	0.00	0.60	89,606,46
						De
						De
						(181

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KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 9 of 84



Phone: (859) 491-1600 · Fax: (859) 491-3538

### CITY OF DAYTON, KENTUCKY PROPERTY TAX BILL 2015

DATE: May 17, 2016

DUKE ENERGY KENTUCKY INC DAVID WRIGHT 550 SOUTH TRYON DEC-41B CHARLOTTE, NC 28202-0000

GNC:	005260
TYPE CO:	GEU
ΤΑΧ ΤΥΡΕ:	035

Real Estate	\$5,572,093.00 /	Rate .4950	Tax Due \$27,581.86
Tangible	\$2,762,799.00	.7500	\$20,720.99
Total Due			\$48,302.85 PD
			6/6/4
Please remit t	o: City of Dayton		
	Clerk's Office		

514 Sixth Avenue Dayton, KY 41074

PRO	PERTY DESCR	IPTION	PROF	PERTY ASSESSME	NT	BILL NUMBE	R
1140 ORCH LOT 205 UNITS: 1	PROP CL:	c	GROSS VALUE		34,200 0	1532 PIDN:	
514115. I	PHOP CL.	c	TAXABLE VAL	UE:	34,200	999-99-05-264	
YEAR	TAX	SCHOOL	WASTE	PEN & INT	TOTAL	AMOUNT DUE	EIF:
2015 DELINQUENTS	93.71 5 listed below:	333.45	220.50	0.00	647.66	PAID BY 10/31/2015 PAID BY 11/30/2015 PAID BY 12/31/2015 ADDITIONAL FEE AFTER 12/31/20 WILL BE APPLIED	15
	MAILIN	G ADDRESS		BANK CODE		CURRENT YEAR RATES	
5505 TYR	RGY KY INC DN ST/DEC41B TE NC 28202					CITY RATE: 2.74 SCHOOL RATE: 9.75 ULAR WASTE FEE: 220.50 EAD WASTE FEE: 176.50	
			MEL	O TO TAXPAYER			

KEEP THIS COPY FOR YOUR RECORDS.

CITY OF NEWPORT

ALL DE LOS

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 10 of 84

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KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 11 of 84

ampbell County Sheriff's Office Mike Jansen Sheriff



1098 Monmouth Street Newport, Kentucky 41071 (859) 292-3833 www.campbellcountysheriffky.org

Duke Energy Kentucky, Inc. Attn: David Wright 550 South Tryon DEC-41B Charlotte, NC 28202

### <u>2015</u>

### COUNTY FRANCHISE PROPERTY TAX BILL

 DATE:
 5/16/2016

 TOTAL TAX DUE:
 1,002,558.62

 AMOUNT DUE |F PAID BY:
 1,002,558.62

 PAID AFTER
 6/15/2016 Face Amount
 1,002,558.62

 PAID AFTER
 6/15/2016 Eace Amount
 1,002,558.62

### PAYMENT INSTRUCTIONS

The enclosed bill is for franchise property taxes. Franchise tax bills are due on the day they are prepared and if payment is not made within 30 days, a 10% penalty, 10% percent Sheriff's add on fee, plus interest will accrue.

Payments should be made to:

Campbell County Sheriff 1098 Monmouth Street, Suite 216 Newport, KY 41071-3429



وببار خنز فاردة وعايا

FOR TAX YEAR 2015		PROPERTY T	AX BILI	. NO. 2015RE
Make check payable to:		Assessed Value	Rate	Amount of Tax
CITY OF WILDER 520 Licking Pike	GNC 005260			
Wilder, KY 41071	Real Estate	\$2,683,709.00 🗸	.200%	\$5,367.42
	Total Due			\$5,367.42
RETURN NOTICE WITH PA WHETHER PAYING IN PERSON OR BY MAIL. WHEN PAYING BY MAIL, INCLUDE SELF-ADDRESSED STAMPED ENVELOPE FOR RECEIPT.	YMENT			D J- 6-16/16
Owner: Duke Energy Kentucky Inc. David W. Wright 550 South Tryon DEC41B Charlotte, NC 28202-0000				
Penalty o	of 5% after 60 days and	10% after 90 days of Da	te Receiv	ed

FOR TAX YEAR 2015		PROPERTY TAX BILL	
Make check payable to: CITY OF WILDER	GNC 005260	Assessed Value Rate	Amount of Tax
520 Licking Pike Wilder, KY 41071	Tangible	\$1,966,576.00 .337%	\$6,627.36
	Total Due		\$6,627.36
RETURN NOTICE WITH P.	AYMENT	5,367.42 +	ÐQ- 6/6/
BY MAIL WHEN PAYING BY MAIL INCLUDE SELF-ADDRESSED STAMPED		6,627.36 +	0/6/
ENVELOPE FOR RECEIPT.	002		
Owner: Duke Energy Kentucky Inc.		11+994+78 *	
David W. Wright 550 South Tryon DEC41B Charlotte, NC 28202-0000			

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 14 of 84



TDD: 1-800-648-6057

DUKE ENERGY KENTUCKY INC DAVID W WRIGHT 550 SOUTH TRYON DEC418 CHARLOTTE, NC 28202-0000

ASSESSMENT FOR LOCAL TAX, INCLUDING FRANCHISE

TAX YEAR 2015

GNC:005260

ASSESSED VALUE RATE \$5,452,981.00 \$1

\$1.65

AMOUNT OF TAX \$8,997.42

88171.48. L-Ba 6/6/19

In accordance with KRS 134.020, companies paying local property taxes for telecommunication service providers, are entitled to a 2% discount if the bill is paid within 30 days. If paid after 30 days but within 60 days, the face amount of the bill is due. If paid after 60 days but within 90 days, a 5% penalty should be charged. After 90 days, the bill should accruc a 10% penalty and applicable interast

05-17-2017 J

Phone (859) 441-5104 Fax (859) 441-5104



**130 North Fort Thomas Avenue** Fort Thomas, Kentucky 41075

## **2015 PUBLIC SERVICE PROPERTY ASSESSMENT**

DUKE ENERGY KENTUCKY INC	DATE	5/16/2016
ATTN: DAVID WRIGHT 550 SOUTH TRYON DEC41B	TERMS	NET 30 DAYS
CHARLOTTE, NC 28202		1616 10 16 (0)730
	BILL #	1516-19-15 (CITY)

### **RATE PER HUNDRED**

### **REAL AND TANGIBLE PROPERTY**

CITY	SCHOOL GEN'L	SCHOOL BLDG	T	TOTAL RATE
0.390				0.390
REAL PRO	PERTY ASSESSMENT:		\$	14,443,019.00 🗸
TANGIBLE PRO	PERTY ASSESSMENT:		\$	8,206,084.00
	TOTAL ASSESSMENT:		\$	22,649,103.00

# **COMPUTATION OF TAXES DUE**

ПҮ		<u>oc no</u>	OL BLDG	 JTAL TAX
88,331.50	\$ -	\$	-	\$ 88,331.50
		L		<b>?</b> //

If paid after 30 days but within 60 days, the face amount of the bill is due. If paid after 60 days but within 90 days, a 5% penalty shall be charged. After 90 days, the bill shall accrue a 10% penalty and applicable 8% interest.

> MAKE REMITTANCE TO: CITY OF FORT THOMAS 130 N. FORT THOMAS AVENUE FORT THOMAS, KY 41075-1579 ATTN: JOSEPH EWALD, TREASURER

Phone (859) 441-5104 Fax (859) 441-5104



130 North Fort Thomas Avenue Fort Thomas, Kentucky 41075

## 2015 PUBLIC SERVICE PROPERTY ASSESSMENT

DUKE ENERGY KENTUCKY INC
ATTN: DAVID WRIGHT
550 SOUTH TRYON DEC41B
CHARLOTTE, NC 28202

DATE	5/16/2016
TERMS	NET 30 DAYS
BILL #	1516-19-15 (SCHOOL)

### **RATE PER HUNDRED**

### **REAL AND TANGIBLE PROPERTY**

SCHOOL GEN'I.	SCHOOL BLDG	TOTAL RATE
0.914	0.122	1.036
OPERTY ASSESSMENT:		13,661,807.00
OPERTY ASSESSMENT:	5	7,892,564.00
TOTAL ASSESSMENT:	\$	21,554,371.00
	0.914 OPERTY ASSESSMENT: OPERTY ASSESSMENT:	OPERTY ASSESSMENT: \$

## **COMPUTATION OF TAXES DUE**

If paid after 30 days but within 60 days, the face amount of the bill is due. If paid after 60 days but within 90 days, a 5% penalty shall be charged. After 90 days, the bill shall accrue a 10% penalty and applicable 8% interest.

MAKE REMITTANCE TO: CITY OF FORT THOMAS 130 N. FORT THOMAS AVENUE FORT THOMAS, KY 41075-1579 ATTN: JOSEPH EWALD, TREASURER

### **CITY OF COLD SPRING**

Date of Billing: 5/20/2016

5694 East Alexandria Pike Cold Spring, KY 41076 PHone: 859-441-9604

Public Service Property Assessment

Tax Year 2015

Duke Energy Kentucky Inc. David Wright 550 South Tryon DEC-41B Charlotte, NC 28202

Real Estate Assessment Amt: Tangible/ Personal Assessment Amt:	<b>—</b>		Amount Due with discount if paid by 6/20/2016	Amount Due After 6/20/2016
Total Local Assessment:	\$5,392,370.00 = \$8,871	.95	\$8,694.51	\$8,871.95
		6.	642% Discount if paid 5/20/1	
	will be applied of unpaid after 60 d of unpaid after 90 days from o		lue date and 10% penalty	

MAKE YOUR CHECK PAYABLE TO THE CITY OF COLD SPRING, 5694 EAST ALEXANDRIA PIKE, COLD SPRING, KY 41076

NOTE. YOUR CHECK IS YOUR RECEIPT FOR RECEIPTED COPY SEND SELF-ADDRESSED STAMPED ENVELOPE

-----

## CITY OF NEWPORT INVOICE

Customer Id 0000001671

Invoice Number 2016/21/0009035 Invoice Date 5/10/2016 Invoice Due Date 6/09/2016

DUKE ENERGY KENTUCKY INC Attn: TAX DEPT-DAVID WRIGHT 550 SOUTH TYRON DEC-41B CHARLOTTE NC 28202-0000 Mail Remittance To: CITY OF NEWPORT FINANCE DEPARTMENT 998 MONMOUTH STREET NEWPORT KY 41071-2184 (859) 292-3660

Desc: PUBLIC SERVICE ASSESSMENT 2015 Prop Loc:

Service	Quantity	Unit Unit Price	Amount
SREAL 16442406 @ 9.75 PER 1000 STAN 8317543 @ 9.75 PER 1000 CREAL 16453084 @ 2.74 PER 1000 CTAN 8378665 @ 2.52 PER 1000	1.00 1.00 1.00 1.00 1.00	160313.46 81096.04 45081.45 21114.24	160,313.46 81,096.04 45,081.45 21,114.24

Total Amount Due

307,605.19 REN6

\$

Please Make Check Payable To: CITY OF NEWPORT Please Reference Invoice Numbers On All Remittance



Tax Statement - May 17, 2016

County: Campbell

Tax Year: 2015

Tax Payer: Duke Energy Kentucky Inc David W. Wright

Address: 550 South Tryon Dec - 41B Charlotte, NC 28202

Tax District: Silver Grove

Tangible Tax Rate: 0.175

Real Estate Tax Rate: 0.209

Real Estate: \$440,647.00

Tangible Personal: \$516,004.00

Total Assessment: \$956,651.00

Real Estate Tax Due: \$920.95

Tangible Tax Rate Due: \$903.01

Total Due: \$1,823.96 DC 6/6/16

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# **City of Southgate**

122 Electric Avenue Southgate, Kentucky 41071-3166 Phone: (859) 441-0075 · Fax: (859) 441-0244

		2	2015 PSC	TANGIB	LE TAX I	BILL		AU	•	
12/10/15	GNC 5260			and a state of the second	City of Sou	ithgate			·····	TOTALS
Bill #	Name	Real Prop	Amount	Tang/PP Prop		Fire Tax Real Prop	Arnount	Fire Tang/PP	Amount	· · · · · · · · · · · · · · · · · · ·
P-15-02	Duke Energy KY Inc	0.00562		0,0075		0.0005387		0.0005387		
,	David Wright	2,534,940	14,246.36	1,749,632	13,122.24	2,534,940	1,365.57	1,749,632	942.53	\$29,676.70
	550 South Tryon DEC-41B									
	Charlotte, NC 28202	Sout	hgate Indep	endent Scho	ols					
				School						
		School Real	Amount	Tang/PP	Amount		1			
		0.01061		0.01061 🖌	?				1	
		2,098,213	22,262.04	1,124,802	11,934.15					\$34,196.19
		_							1	
					SUB TOTAI	L (Face Amou	nt)			\$63,872.89
						nt If paid by F				\$1,277.46
					DISCOUNTED AMOUNT if paid by Feb 10, 2016 After February 10, 2015 but no later than March 10, 2016 (face amount)				\$62,595.43	
								n 10,	\$63,872.89	
	1	i inden in som som som anden i som anden i som			5% Penalty & Interest added after March 10, 2016				016	
		······································	2015 PS	C/TANGIBL				•••		
12/10/15	GNC 5260		[	Tang/PP	City of Sou	Fire Tax Real		Fire		TOTALS
Biil #	News	Real Prop	Amount	-			Amount		Amount	
	Name Dulue Coordin ICV Inc.	0.00562	AIIIOUAL	Prop 0.0075	Amount	Prop 0.0005387	Amount	0.0005387	Amount	···· ·· ·
P-15-02	Duke Energy KY Inc		14,246.36	sandhar workeans	13,122.24		4 965 67	A DESCRIPTION OF A DESC	040 60	\$29,676.70
	David Wright	2,034,940	14,240.30	1,749,032	13,122.24	2,034,940	1,000.07	1,749,032	942.00	\$29,010.10
	550 South Tryon DEC-41B								1 t	
	Charlotte, NC 28202	Sout	ngate indep	School	dent Schools				•	
		Cohool Dool	0							
		School Real	Amount	Tang/PP	Amount		• • • • •		L	
<b></b>	ļ	0.01061	00.000.04	0.01061	44 004 45					
	<u> </u>	2,098,213	22,262.04	1,124,802	11,934.15					\$34,196.19
					SUB TOTA	L (Face Amou	( nt)	L	i	\$63,872.89
	[		<u> </u>			nt if paid by F		, 2016		\$1,277.46
	*		İ			ED AMOUNT I				\$62,595.43
						uary 10, 2015 b			1 <b>10</b> .	
		1	; i		2016 (face	amount)				\$63,872.89
	en en en en en en en en en en en en en e		i			& Interest ac	ded after	March 10, 2	016	

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# **CITY OF MELBOURNE**

502 GARFIELD AVENUE • P.O. BOX 63 • MELBOURNE, KENTUCKY 41059-0063 859 • 781-6664 • FAX 859 • 781-9444

July 28, 2016

2015 FRAN TAX BILL#F58-15

DUKE ENERGY KY INC DAVID WIRGHT 550 SOUTH TRYON DEC-41B CHARLOTTE, NC 28202-0000



2015 Franchise Fee 2015 Real Tax Rate: .00456/100 Rate: .00396/100

Assessment	Туре	Penalty	Interest	Tax Amount Due
\$570,918	FRAN			\$2603.38
\$ 53,401	REAL			\$ 211.46
2. 3. 4 Mar				\$2814.83
				k 2014, 44
				\$ 2814. 44

Please pay this amount: \$2814.83

ALL PAYMENTS RECEIVED OR POSTMARKED AFTER 8/28/16 WILL BE SUBJECT TO PENALTY AND INTEREST PLEASE RETURN THIS PORTION WITH YOUR PAYMENT

TOTAL AMOUNT DUE: \$2814.83

AMOUNT ENCLOSED:

Due Date: August 28th, 2016

2015 Fran Tax Bill# F58-15

City of Melbourne P O Box 63 Melbourne, KY 41059-0063



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Duke Energy KY Inc. David Wright 550 South Tryon St. DEC-41B Charlotte, NC 28202-0000

Invoice #: 232 Invoice Date: 2/9/2016

# **FRANCHISE TAX INVOICE**

Date	Assessment	Rate (%)	Amount
2/9/2016	\$5,413,756.00 (for the year 2015)	1.75	9,474.07
			De
, ,			
1			

Duke Energy KY Inc.	Total	\$9,474.07
David Wright 550 South Tryon St. DEC-41B Charlotte, NC 28202-0000	Payments/Credits	\$0.00
	Balance Due	\$9,474.07

### KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 23 of 84

\$1203.65



### CITY OF WARSAW ORDINANCE 303 EAST MAIN STREET P.O. BOX 785 WARSAW, KENTUCKY 41095-0785 859-567-5900 Phone 859-567-5931 Fax only

Name: Duke Energy Kentucky c/o David Wright 550 South Tryon DEC-41B Charlotte, NC 28202

Date: 12/17/2015

Real Estate	Tangible	Total	<u>Tax Year</u>	Rate per \$100	<u>Total</u>
878,829.00	N		2015	.129	\$1133.69 <b>/</b>
107,618.00	N		2015	.065	\$69.96 <b>/</b>

### TOTAL DUE

Pay to: City of Warsaw Attn: Franchise Dpt. P.O. Box 785 Warsaw KY 41095

2% Discount if Paid within 30 days
5% Penalty if not paid after 60 days
10% Penalty if not paid after 90 days
Please return this page when paying. Receipts sent only when self addressed, stamped envelopes accompany payment by mail

#### KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 24 of 84

#### For County, School 61A255(1-90) Commonwealth of Kentucky or Special Taxes PROPERTY TAX STATEMENT PUBLIC SERVICE COMPANY **Return Payment To:** Bill No. 25Sheriff Josh Neale GNC No. 5260 Gallatin Type Co. GEU County PO Box 1025 Address Warsaw, KY 41095 Assessment for 2015 Taxes Date 12/15/2015 Address: PAYMENT INSTRUCTIONS This statement for public service company Name: Duke Energy Kentucky Inc property taxes is due and payable 30 days David Wright after notice. (KRS 136.050 (2)). No discount Street: 550 South Tyron DEC-41B is allowable for early payment. If not paid within 30 days, a 10 percent penalty of total tax plus interest at the interet rate per City: Charlotte KRS 131.183 per annum applies. Make payment State: NC to sheriff of county named on statement. Zip: 28202 Attn: David Wright Property Class-Rate Per \$ 100 Value School County Special 1811 0.6530 \*\*\*\*\*\* County- Real Estate 0.0890 School \$1,469,601 \$1,307.94 \$9,596.49 \*\*\*\*\* County - Tangible School 0,6530 \$376,539 \$613.76 \$2,458.80 0.1630 Library- Real Estate 0.1150 \$1,469,601 \$1,690.04 \*\*\*\*\*\*\* \*\*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\* Library- Tangible 0.1154 \$376,539 \$434.53 Health - Real Estate \$808.28

KKKKKKKKK

**Extension Service - Real Estate** 

Soil Conservation - Real Estate

Extension Service - Tangible

County Clerk/Phone: \$59-567-5411

Payment Received By:

Health - Tangible

Sheriff/Deputy

1.

Date \_\_\_\_\_

Total Tax \$18,283.04

\$12,055.29

\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*

\$207.10

\$822.98

\$210.86

\$132.26

\$4,306.05

Penalty (10 percent of total tax if not paid within 30 days)

\$376,539

\$1,469,601

Interest (tax interest rate per KRS 131.183 per annum if not paid within 30 days) Total Tax, Penalty, and Interest

\*\*\*\*\*\*\*

\$1,921.70

0.0550 \$1,469,601 \$376,539 0.0550 ----0.0560 \$1,469,601 \*\*\*\*\*\*\*\*\*

0.0560

0.0090

**Totals By Taxing District** 

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1'

61A509 (1-12) Commonwealth of Kentucky DEPARTMENT OF REVENUE				MENT Faxes		2000 mbon	Type Co 11 1.0015
Make Payment To: City & Williamstown Return Tax Payment To: PO Box 147 Williamstown, KY 41097 Telephone Number_ 859-864-3633			Name David Whight Name David Whight Address 550 South Tryph DEC - 4/B Address City, State, ZIP Code Charlotto, NC 28202				
Name of District County/School/Special	Assessed Value Real Estate	Real Estate Rate Per \$100 Value	Tax Due Real Estate	Assessed Value Tangible	Tangible Rate Per \$100 Value	Tax Due Tangible	Total Real and Tangible Tax Due
Ulilliamstorm	1,469,498,00	e.31Q	4533.68	250,708.00 202 	·417	104545	5579.13
	Importa	nt: See Reverse	-		Total District Tax \$	5579.1	3

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61A509 (1-12) Commonwealth of Kentucky DEPARTMENT OF REVENUE Page 2

Beginning for assessment date January 1, 2006, Telecoms as used on this form are broadly defined as: Communications Service Providers and Multi-Channel Video Programming Service Providers.

Specifically, these will include the following:

All Telephone Companies (Local, Long Distance and Wireless).

All Paging Companies.

All Cable Television Companies.

All Direct Broadcast System (DBS) Companies.

All Wireless Cable Direct Broadcast Companies.

All Telegraphic and Teletypewriter Service Companies.

All Coin-Operated Telephone Providers.

Signed		Total Tax	\$ 5579.13
	County Clerk		
and the state of the state of the state of the state of the state of the state of the state of the state of the		Amount Due If:	0.11.12.0.0
Payment Received By	Sherilf	Paid By ANUON 11,20 (2% Discount	5467.SS
Date	Ву	Paid Bo Selencery 11 2016 Face Amount	5579.13
	Deputy	Paid By March 11,2016 5% Penalty	5858.09
		Paid After Opio 11, 2016 25% Penalty	6443.90
		10%	

### PAYMENT INSTRUCTIONS

This bill is for property taxes on distilled spirits or telecoms. Under KRS 134.015, if paid within 30 days, a 2 percent discount applies. If paid after 30 days but within 60 days, the face amount is due. If paid between 61 and 90 days, a 5 percent penalty will be added. After 90 days, a 10 percent penalty, 10 percent sheriff's fee, will accrue. Make payment to the address in upper left-hand corner of front page.

If there is any question regarding this bill, contact

at (859) 824-31

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#### CITY OF CRITTENDEN PO BOX 207 CRITTENDEN, KY 41030

DATE

12/10/15

CITY OF CRITTENDEN
P.O.BOX 207
CRITTENDEN, KY. 41030

THE REVENUE CABINET, DEPARTMENT OF PROPERTY TAXATION, HAS CERTIFIED TO ME AS CITY CLERK / TREASURER OF CRITTENDEN, THE FOLLOWING STATEMENT OF ASSESSMENT AGAINST PUBLIC SERVICE COMPANIES FOR TAX IN GRANT COUNTY WHICH IS FILED IN MY OFFICE AND IS HEREBY CERTIFIED TO YOU FOR COLLECTION.

TAX YEAR	2015	GNC:	5260	TYPE CO.	GEU
TAX PAYER:		DUKE ENERGY Attn: David Wright			<u> </u>
ADDRESS		550 South Tryon D Charlotte, NC 2820	EÇ - 41E	3	······································
Tax Rate	0.00203			<i>GP 1/</i> 648,682.00	716
REAL ESTATE ASSI	ESSMENT		)	648,682.00	\$ 1,316.82
TANGIBLE ASSESS	MENT		3	800,947.00	\$ 1,625.92
TOTAL DUE:					\$ 2,942.7 <b>5/+</b>
		A COPY AT	TESTED:	DM(5)	Mpm

Megan Simpson City Cierk/Treasurer

.

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	(1-06) ionwealth of I ARTMENT OF		PROP For Cou	ERTY Inty, S	RVICE COM TAX STATE chool or Spe or Year 201	MENT cial Taxes		GN		37 5260 (10/2015 50
1	Return Tax Paymer CHUCK DILLS GRANT COUNTY 107 N MAIN STREI WILLIAMSTOWN, County Clerk TAB Telephone 859-82	ET, COURTHOUS KY 41097 ATHA CLEMONS		Multi-	A Add	TTN: ress: DAV 550 \$	E ENERGY K ID WRIGHT SOUTH TYRG RLOTTE Tangible	ON DEC-	41B	0000 Total Real
	Name of District County/School/Spc!	Value	Rate Per \$100 Value	plier	Tax Due	Value	Rate Per \$100 Value	plier	Tax Due Tangible	and Tangible Tax Due
· · · · · ·	REAL ESTATE     CM       REAL ESTATE     HI       REAL ESTATE     LII       REAL ESTATE     LII       REAL ESTATE     LII       REAL ESTATE     SC       COMMON SCHOOL     SC       GRADED SCHOOL     SC       TANGIBLE     CH       TANGIBLE     LII       TANGIBLE     LII       TANGIBLE     LII       TANGIBLE     MI       COMMON SCHOOL     SC	HTH 5,809,293.0 DIL 5,809,293.0 DH2 4,342,166.0 DH1 -1,467,125.0 EXT TTY TTH 3 HTH	0 0.1460 0 0.0280 0 0.0950 0 0.0160 0 0.0100 0 0.5610		3,195. 8,481. 1,626. 5,518. 929. 580. 24,359. 13,702.	57 50 33 49 93 56 55 55 5,707,34 5,707,34 5,707,34 5,707,34 5,707,34 5,707,34 5,707,34	93.00 9/1460 93.00 0.0280 93.00 0.1347		6,460.77 8,332.79 1,598.07 7,667.86 913.18 30.276.88 2,899.56	3,195.11 8,481.57 1,626.60 5,518.83 929,49 580.93 24,359.56 13,702.95 6,660.77 8,332.79 1,598.07 7,687.86 913.18 30,276.88 2,899.56
						9	20			

1/2/16

atha Clement Signed County Clerk

) Total Due. 116,564.15



GRANT COUNTY SHERIFF CHUCK DILLS 212 BARNES RD SUITE A WILLIAMSTOWN KY 41097



10/22/2015

#### KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 31 of 84

12 Barnes Road, Suite A	nt	Account 19848-1 District: 01-COMMON		Bill: 3137	
		Rote per \$100	Assessed Value	Tax	
ATE REAL ESTATE COUNTY REAL ESTATE GRANT COUNTY SCHOOL CO SCH RE MENTAL HITH REAL LIBRARY REAL EXTENSION REAL EXTENSION REAL SOIL CONSERVATION DRY RIDGE FIRE	AL ESTATE	0.1220 0.1480 0.5810 0.0180 0.0280 0.0550 0.0550 0.0550 0.0550 0.050	\$45,318 \$45,318 \$45,318 \$45,318 \$45,318 \$45,318 \$45,318 \$45,318 \$45,318 \$45,318 \$45,318 \$45,318	\$55.29 \$66.16 \$254.23 \$7.25 \$12.69 \$43.05 \$24.92 \$4.53 \$25.00	
0410001	1000				
escription: 8.1980 AC	1000		Amount Due	7	
escription: 8.1980 AC ocation: WARSAW RD 2982		Int: October 1, 2015 - N		\$483.26	
escription: 8.1980 AC ocation: WARSAW RD 2982 lap No.: 034-00-00-020.00 sturm This Card With Payment	2% Discou Face: I	November 2, 2015 - De	lovember 1, 2015 comber 31, 2015		
escription: 8.1960 AC ocation: WARSAW RD 2982 lap No.: 034-00-00-020.00 sturn This Card With Payment lake Check Payable to:	2% Discou Face: I 5% Pen	November 2, 2015 - De alty: January 1, 2016 -	lovember 1, 2015 cember 31, 2015 January 31, 2016	\$483.26 \$493.12 \$517.78	
	2% Discou Face: I 5% Pen 21% P	November 2, 2015 - De	lovember 1, 2015 cember 31, 2015 January 31, 2016 8 - April 15, 2016	\$483.26 \$493.12	

Chuck Dills Grant County Sheriff 212 Barnes Road, Suite A Williamstown, KY 41097 Presorted First Class Mail U S. Postage PAID Lexington, KY Permit No. 1

### 2015 Grant County Property Tax Statement

\*\*\*TO ASSURE PROPER CREDIT\*\*\* PLEASE BRING THIS CARD WITH YOU IF PAYING IN PERSON OR MAIL WITH PAYMENT.

IF THIS TAX BILL SHOULD BE PAID BY MORTGAGE COMPANY OR NEW OWNER, PLEASE FORWARD TO RESPONSIBLE PARTY PROMPTLY.

# AP ST25B Ավիկիկինին անդրակիինինինինինին

11119 Union Light Heat & Power 1090 E Main St Plainfield, IN 46168-1765

### 11400 T20 P2

100

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100

State County Parcel Number	Stat
Kentucky Grant KY - G	
034-00-00-020.00	War
034-00-00-020.00-Fire	War

Page 1 of 1

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STVIEW AND SOUTH STREET

## **CITY OF CRESTVIEW HILLS**

50 Town Center Boulevard, Crestview Hills, Kentucky 41017-2561 (859) 341-7373, FAX (859) 341-6993

IF YOU HAVE AN ESCROW ACCOUNT WITH A MORTGAGE COMPANY, PLEASE FORWARD TO THEM IMMEDIATELY.

Duke Energy Kentucky Inc Shaw Pittman & David Wright 550 South Tryon Dec-41B Charlotte, NC 28202-0000

Due Date 12/31/16

2016 Property Tax Statement	LOCATION		PION		
GROSS ASSESSMENT	HOMESTEAD EXEMPTION	MORTGAGOR			
3,131,252			······		
PROPERTY VALUE DESCRIPTION	TAX RATE PER HUNDRED	NET ASSESSMENT	AMOUNT DUE		
2016 Property Tax City	.160	3,131,252	5,010.00		
			5a		
		BILL TOTAL	\$5,010.00		

ALL PAYMENTS RECEIVED OR POSTMARKED AFTER DEC. 31 WILL BE SUBJECT TO PENALTY & INTEREST. NO RECEIPT RETURNED UNLESS ACCOMPANIED BY SELF ADDRESSED STAMPED ENVELOPE

### Please make check payable to

City of Creatview Hills 50 Town Center Blvd Creatylew Hills, KY 41017

PROPERTY OWNER

Duke Energy Kentucky Inc Shaw Pittman & David Wright 550 South Tryon Dec-41B Charlotte, NC 28202-0000

#### TAX PAYMENT SUB

Invoice #	2018-1310
PIDN	
Total	\$5,010.00
Amount Enclosed	
Check #	
KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 33 of 84



City of Crescent Springs 739 Buttermilk Pike Crescent Springs, KY 41017 www.crescent-springs.ky.us

ph 859 341-3017 fax 859 341-3518

**Public Service Tax** 

Duke Energy Kentucky Inc Attn: David Wright 550 South Tryon DEC-41B Charlotte, NC 28202 Bill Number: Date: 4/20/

1877 4/20/2016

Tax Year	Type of Tax	Assessed Value	Rate		Ta	x Amount
2015	Real Estate	\$2,537,455	0.0023		\$	5,836.15
2015	Tangible	\$1,484,601 1	0.00146		\$	2,167.52
		51% of \$693,133.00)			\$	8,003.66
	If paid within	30 days 2% discount	t may be tal	ken	_	(160.07)
		1	f paid by	5/20/2016	\$	7,843.59

----- Please remit this portion with your payment -----

PUBLIC SERVICE TAX BILL

2015

**Remit Payment to:** 

City of Crescent Springs 739 Buttermilk Pike Crescent Springs, KY 41017

Name:	Duke Ene	ergy Kentucky Inc
<b>Bill Numbe</b>	er:	1877
Bill Date:		4/20/2016
Total Due		\$8,003.66
Amount Pa	aid:	

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 34 of 84



## **2015 KENTON COUNTY TAX BILL** PAYABLE TO CHARLES L. KORZENBORN, SHERIFF See Reverse Side For Additional Information

PRESORTED FIRST CLASS MAIL US POSTAGE PAID CINCINNATI, OH PERMIT # 9714

UMO033474

Bill Numb			Real Estate			
Taxing Dist STATE COUNTY COVINGTON SC EXTENSION DIS HEALTH LIBRARY	COUNTY COVINGTON SCHOOL EXTENSION DIST HEALTH LIBRARY AREA PLANNING (NO FIRE)		0 Taxable Value 0 0 0 0 0 0 0 0 0 0 0	Tax Amount 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Property Location: 408 13TH ST Legal Description: 24 BA 3RD	
L			Gross Tax Due	60.00	Fair cash value: 10,000 Exemption: 10,000	
	If Pa or B		Amount Due:	.00.1	Taxable value_:	
Discount Face Penalty 1 Penalty 2	unt 11/01/15 12/31/15 ty 1 01/31/16		60.00 60.00 60.00 60.00	P-1 T23 P1 ***** C/O PROPERTY		

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 35 of 84



Face

Penalty 1

Penalty 2

## **2015 KENTON COUNTY TAX BILL** PAYABLE TO CHARLES L. KORZENBORN, SHERIFF

See Reverse Side For Additional Information



Bill Number:	3589 11-14-009.00	Rea	l Estate		
Taxing District STATE COUNTY COVINGTON SCHO EXTENSION DIST HEALTH LIBRARY AREA PLANNING (NO FIRE) 911 fee *	0.12 0.14 0.0L 1.11 0.00 0.02 0.11 0.02	2100 T 2200 8800 100 2930 2000 1300 2900 2900	axable Value	Tax Amount 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Property Location: 410 13TH ST Legal Description: B A 3RD SUB LOT 23
Discount	If Paid on or Before 11/01/15		ount Due:	60.00	Fair cash value: 5,00 Exemption: 5 Taxable value:

60.00

60.00

60.00

12/31/15

01/31/16

04/15/16

cash value: 5,000 : 5,000 nption

ble value :

## 

P-1 T23 P1 \*\*\*\*\*AUTO\*\*MIXED AADC 450 C/O PROPERTY TAX DEPT DUKE ENERGY KENTUCKY INC PO BOX 1007 STE ST 22 M CHARLOTTE NC 28201-1007 UMO033478

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 36 of 84



## 2015 KENTON COUNTY TAX BILL PAYABLE TO CHARLES L. KORZENBORN, SHERIFF See Reverse Side For Additional Information

PRESORTED FIRST CLASS MAIL US POSTAGE PAID CINCINNATI, OH PERMIT # 9714 1

	er: 60445 001-00-00-		eal Estate		
Taxing District		Rate@100	Taxable Value	Tax Amount	Property Location: 3020 AMSTERDAM RD
STATE		0.12200		0.00	
COUNTY		0.14800	1	0.00 1	_egal Description:
COMMON SCH		0.60900		NIXIE	430 FE 1260 0010/02/15
HEALTH LIBRARY AREA PLANNIN	IG	0.02000		NOT D	RETURN TO SENDER ELIVERABLE AS ADDRESSED UNABLE TO FORWARD
(NO FIRE) 911 fee *		0.00000	1	BC: 4101	8807070 *3013-01942-02-31 http:///////////////////////////////////
					Fair cash value: 1
			Gross Tax Due	60.001	Exemption 1 Faxable value:
		id on efore	mount Due:		
	11/0	01/15	60.00	լՈլելլլենորդվե	հլիկիլիլու ով իվակովին լիկիս հլիլնին
Discount	1.114			D 4 T4 D4 ******	TOME DIOLT LIGHT IN DOGGOOD
Discount Face		31/15	60.00	F-I II FI A	UTO**5-DIGIT 41011 UMO000689
	12/3	31/15 31/16	60.00 60.00	UNION LIGHT HEA 107 BRENT SPENC COVINGTON KY 4	T & POWER CO CE SQ

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 37 of 84



KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 38 of 84



2015 KENTON COUNTY TAX BILL PAYABLE TO CHARLES L. KORZENBORN, SHERIFF See Reverse Side For Additional Information PRESORTED FIRST CLASS MAIL US POSTAGE PAID CINCINNATI, OH PERMIT # 9714

Taxing Dist	ict	Rate@100	Taxable Value	Tax Amount	Property Location:			
STATE		0.12200		0.00	SLEEPY HOLLOW RD			
COUNTY		0.14800		0.00	Legal Description:			
COMMON SCHO	OL	0.60900		0.00	2.177 ACS BS SLEEPY HOLLOW			
EXTENSION DIS	т	0.00930		0.00				
HEALTH		0.02000		0.00				
LIBRARY		0.11300		0.00				
AREA PLANNING	З	0.02900		0.00				
(NO FIRE)		0.00000		0.00				
911 fee *				60.00				
				4	Fair cash value: 1			
			Gross Tax Due	60.00	Exemption: 1			
		aid on Before A	mount Due:	1.1	Taxable value:			
Discount Face			60.00	վուտ  լ  լ  լ  լո   լ   լ  լ  լ				
Penalty 1		31/16	NIXI	E 430	DE 1300 0010/02/15			
Penalty 2	04/	15/16		RETURN TO SENDER NOT DELIVERABLE AS ADDRESSED				
					LE TO FORWARD			
	418	18 @8 0 7	BC:		870 *3013-01940-02-30 444444444444444444444444444444444444			

## KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 39 of 84



Penalty 1 Penalty 2

## 2015 KENTON COUNTY TAX BILL PAYABLE TO CHARLES L. KORZENBORN, SHERIFF See Reverse Side For Additional Information

PRESORTED FIRST CLASS MAIL US POSTAGE PAID CINCINNATI, OH PERMIT # 9714

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Bill Numb P I D N: 0	er: 60439 )27-20-03-02		eal Estate		
Taxing District	R	ate@100	Taxable Value	Tax Amount	Property Location:
STATE		0.12200		0.00	2445 BROMLEY CRESCENT SPRINGS
COUNTY		0.14800	5.0	0.00	Legal Description:
COMMON SCHO	DOL	0.60900		0.00	5.363 ACS SEC BEECHWOOD & BROM CRES
EXTENSION DIS	ST	0.00930		0.00	SPGS RD
HEALTH		0.02000	2	0.00	
LIBRARY		0.11300		0.00	
AREA PLANNIN	G	0.02900	1	0.00	
(NO FIRE)		0.00000		0.00	
911 fee *				60.00	
					Fair cash value: 1
	I		Gross Tax Due	60.00	Exemption: 1 Taxable value :
	If Paid or Befo		mount Due:		
Discount	11/01/1	15	60.00	ղիկղելերին	նորկություններին հետաներություն
Face	12/31/1	15	64IXI		DE 1260 0010/02/15
-			14 J. P. J. C	- 430	NT TTAA 0070/00/13

UI Delule	rano anti o aot					
11/01/15	60.00	nlli	իլեցկեպնենը	4/111/1	իլիսկկե	all and a langer
12/31/15	64IX	TE	430	DE	1250	0010/02/15
01/31/16	6(	all has	730		do la UN	0010100111
04/15/16	6(	NÓT	DELIVER		SENDE	
					FORWA	

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KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 40 of 84



Penalty 1

Penalty 2

## 2015 KENTON COUNTY TAX BILL PAYABLE TO CHARLES L. KORZENBORN, SHERIFF See Reverse Side For Additional Information

PRESORTED FIRST CLASS MAIL US POSTAGE PAID CINCINNATI, OH PERMIT # 9714

Bill Numb P I D N: 0	er: 60443		eal Estate			
Taxing District		Rate@100	Taxable Value	Tax Amount	Property Location:	
STATE		0.12200		0.00	TURKEYFOOT RD	
COUNTY		0.14800		0.00	Legal Description:	
COMMON SCHOOL		0.60900		0.00	APPROX 1 ACRE ES TURKEYFOOT RE	
EXTENSION DIS	ST	0.00930		0.00	N OF SUMMIT HILLS CC	
HEALTH		0.02000		0.00		
LIBRARY		0.11300		0.00		
AREA PLANNIN	G	0.02900		0.00		
(NO FIRE)		0.00000		0.00		
911 fee *				60.00		
					Fair cash value: 1	
			Gross Tax Due	60.00	Exemption: 1 Taxable value :	
		id on efore	mount Due:			
Discount Face	1 1 1 2 2 3	1/15 1/15	60 00 61 XI		DE 1260 0010/02/1	

11/01/15	
12/31/15	MIXIE 430 DE 1260 0010/02/15
01/31/16	61
04/15/16	61 NOT DELIVERABLE AS ADDRESSED
	UNABLE TO FORWARD
	AC: 41018807070 *2012-01942-02-20

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## 2015 KENTON COUNTY TAX BILL PAYABLE TO CHARLES L. KORZENBORN, SHERIFF See Reverse Side For Additional Information

PRESORTED FIRST CLASS MAIL US POSTAGE PAID CINCINNATI, OH PERMIT # 9714

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Bill Numbe P I D N: 04	r: 15150 40-11-08-001		eal Estate		
Taxing District	Ra	te@100	Taxable Value	Tax Amount	Property Location:
STATE		0.12200		0.00	109 HIGHWAY AVE
COUNTY	- 3	0.14800		0.00	Legal Description:
LUDLOW SCHOO	DL	0.85700		0.00	MORNINGSIDE SUBD PT LOT 1
EXTENSION DIS	г	0.00930		0.00	
HEALTH		0.02000		0.00	
LIBRARY		0.11300		0.00	
AREA PLANNING		0.02900		0.00	
(NO FIRE) 911 fee *		0.00000.0		0.00	
511166				00.00	
					Fair cash value: 1
			Gross Tax Due	60.00	Exemption: 1 Taxable value:
	If Paid o or Befor		mount Due:		
Discount	11/01/1	5	60 00	the state of the s	allalala[]]]alaaadkiin#kullalkakkakkakka
Face	12/31/1	5	GAIXI	E 430	FE 1260 0010/02/15
Penalty 1	01/31/10	5	6	PETHE	IN TO SENDER
Penalty 2	04/15/10	5	6 N	OT DELIVE	RABLE AS ADDRESSED

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BC: 41018807070 \*3013-01949-02-30

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## 2015 KENTON COUNTY TAX BILL PAYABLE TO CHARLES L. KORZENBORN, SHERIFF See Reverse Side For Additional Information

PRESORTED FIRST CLASS MAIL US POSTAGE PAID CINCINNATI, OH PERMIT # 9714 1

Taxing District	Rate@10	00 Taxable Value	Tax Amount	Property Location:
STATE	0.1220	00	0.00	517 HAWTHORNE ST
COUNTY	0.1480	00	0.00	Legal Description:
COVINGTON SCHO	OL 1.1110	0	0.00	HAWTHORNE SUBD LOT 117
EXTENSION DIST	0.0093	10	0.00	
HEALTH	0.0200	0	0.00	
LIBRARY	0.1130	0	0.00	
AREA PLANNING	0.0290	0	0.00	
(NO FIRE)	0.0000	0	0.00	
911 fee *			60,00	
				Fair cash value: 1
		Gross Tax Due	60.00	Exemption: 1 Taxable value:
	If Paid on or Before	Amount Due:		
Discount	11/01/15	60 00	delibeliterilite	hallmallillationallialistication
Face	12/31/15	ENIXI	E 430	DE 1260 0010/02/15
Penalty 1	01/31/16	6	RETI	RN TO SENDER

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KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 43 of 84



## 2015 KENTON COUNTY TAX BILL PAYABLE TO CHARLES L. KORZENBORN, SHERIFF See Reverse Side For Additional Information

PRESORTED FIRST CLASS MAIL US POSTAGE PAID CINCINNATI, OH PERMIT # 9714

Taxing District		Rate@10	Taxable Value	Tax Amount	Property Location:
Taxing District STATE COUNTY COVINGTON SCHOOL EXTENSION DIST HEALTH LIBRARY AREA PLANNING (NO FIRE) 911 fee *		0.12200 0.14800 1.11100 0.00930 0.02000 0.11300 0.02900 0.00900		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Legal Description: HAWTHORNE SUBD LOT 147 NEC HAWTHORNE & MONROE ST
			Gross Tax Due	60.00	Fair cash value: 1 Exemption: 1 Taxable value_:
		aid on efore	Amount Due:		
Discount Face Penalty 1 Penalty 2	12/3 01/3	01/15 31/15 31/16 15/16	6WIXI8	E 430 RETU DT DELIVE	FE 1260 0010/02/1 RN TO SENDER RABLE AS ADDRESSED LE TO FORWARD



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## 2015 KENTON COUNTY TAX BILL PAYABLE TO CHARLES L. KORZENBORN, SHERIFF See Reverse Side For Additional Information

PRESORTED FIRST CLASS MAIL US POSTAGE PAID CINCINNATI, OH PERMIT # 9714

Taxing District	Rate@100	Taxable Value	Tax Amount	Property Location:
STATE COUNTY COMMON SCHOOL EXTENSION DIST HEALTH LIBRARY AREA PLANNING (NO FIRE)	0.12200 0.14800 0.60900 0.00930 0.02000 0.11300 0.02900 0.02900		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	24.946 ACRES E END BROOKS ST BOTH SIDES BANKLICK CREEK BOTH SIDES CSX RR APPROX
911 fee *		Gross Tax Due	60.00	Fair cash value: 1 Exemption: 1 Taxable value_:
	If Paid on or Before	Amount Due:		
Discount Face Penalty 1 Penalty 2	11/01/15 12/31/15 01/31/16 04/15/16	61NIXIE		RABLE AS ADDRESSED

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## 2015 KENTON COUNTY TAX BILL PAYABLE TO CHARLES L. KORZENBORN, SHERIFF See Reverse Side For Additional Information

PRESORTED FIRST CLASS MAIL US POSTAGE PAID CINCINNATI, OH PERMIT # 9714

Taxing District		Rate@100	Taxable Value	Tax Amount	Property Location:
Taxing District STATE COUNTY COVINGTON SCHOOL EXTENSION DIST HEALTH LIBRARY AREA PLANNING (NO FIRE) 911 fee *		0.12200 0.14800 1.11100 0.00930 0.02000 0.11300 0.02900 0.00000		0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Legal Description: 50'X237.50' NS SECOND ST 545' W OF PHILADELPHIA
			Gross Tax Due	60.00	Fair cash value: 1 Exemption: 1 Taxable value :
	If Pa or Be		mount Due:		
Discount Face Penalty 1 Penalty 2	11/0 12/3 01/3 04/1	1/16	NIXI:	E 430 RETU OT DELIVE	FE 1260 0010/02/15 RN TO SENDER RABLE AS ADDRESSED LE TO FORWARD

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## **2015 KENTON COUNTY TAX BILL** PAYABLE TO CHARLES L. KORZENBORN, SHERIFF See Reverse Side For Additional Information



PRESORTED FIRST CLASS MAIL US POSTAGE PAID CINCINNATI, OH PERMIT # 9714

1

	oer: 12273 040-13-00		eal Estate				2	NIXI
Taxing District		Rate@100	Taxable Value	Tax Amount	Property Location:		FO.	m
STATE		0.12200	1	0.00	50 RIVER RD	- 0	0	
COUNTY		0.14800		0.00	Legal Description:	= DXI	CER	
COVINGTON S	CHOOL	1.11100		0.00	I L LUDLOW FARM PT 1 THRU	- 00	ZHM	4.
EXTENSION DI	ST	0.00930		0.00	15 ACRES BOTH SIDES OF RIV	=7	PORTU	111
HEALTH		0.02000		0.00	& BEING PART OF LOTS 1-15	107	T R R	*
LIBRARY		0.11300		0.00		- a	a .	TI
AREA PLANNIN	IG	0.02900		0.00		12	1CT OmO	m
(NO FIRE)		0.00000		0.00		H	TIN	HN
911 fee *				60.00		111111	OR WA	6.0
			Gross Tax Due	60.00	Fair cash value: 1 Exemption: 1	-01	RDRE	0
	-		Condet Tax Boo	00.00	Taxable value:	三安	171 LA	01
		aid on Alefore A	mount Due:			1111	SED	010/0
Discount	11/0	01/15	60.00	կիրերիներ	ովընկկնութիկիիկոս	11		82/
Face	12/3	31/15	60.00	P-1 T1 P1 ******	AUTO**5-DIGIT 41011 UI	- I W		25
Penalty 1	01/3	31/16	60.00	107 BRENT SPE	NCE SQ	C.		UT I

107 BRENT SPENCE SQ COVINGTON KY 41011-1433

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60.00

04/15/16

Penalty 2

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 50 of 84



## 2015 KENTON COUNTY TAX BILL PAYABLE TO CHARLES L. KORZENBORN, SHERIFF See Reverse Side For Additional Information

PRESORTED FIRST CLASS MAIL US POSTAGE PAID CINCINNATI, OH PERMIT # 9714

Taxing District	Rate@100	Taxable Value	Tax Amount	Property Location:
STATE COUNTY COVINGTON SCH EXTENSION DIST HEALTH LIBRARY AREA PLANNING NO FIRE) 011 fee *	0.12200 0.14800 1.11100 0.00930 0.02000 0.11300 0.02900 0.00000		0.00 0.00 0.00 0.00 0.00 0.00 0.00 60.00	1820-30 RUSSELL ST Legal Description: 1.179 AC BETWEEN AUGUSTINE & RUSSELL ST BEING LOT 1A RESUBD AMERIPLEX BUSINESS & INDUSTRIAL PARK
		Gross Tax Due	60.00	Fair cash value: 1 Exemption: 1 Taxable value :
	 id on A	mount Due:		
	1/15	60.00	Idelli IIII III IIII	rillellendstindelensellillelendelstrellelen

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## **2015 KENTON COUNTY TAX BILL** PAYABLE TO CHARLES L. KORZENBORN, SHERIFF See Reverse Side For Additional Information

Real Estate



PIDN: 055-14-07-001.00 Property Location: **Taxing District** Rate@100 Taxable Value Tax Amount STATE 0.12200 0.00 COUNTY 0.14800 0.00 COVINGTON SCHOOL 1.11100 0.00 0.00930 EXTENSION DIST 0.00 HEALTH 0.02000 0.00 LIBRARY 0.00 0.11300 0.00 AREA PLANNING 0.02900 (NO FIRE) 0 00 0.00000 911 fee \* 60.00 Fai 60.00 Exe Gross Tax Due Ta> Г If Daid an

	or Before	Amount Due:
Discount	11/01/15	60.00
Face	12/31/15	60.00
Penalty 1	01/31/16	60.00
Penalty 2	04/15/16	60.00

1902-1930 AUGUSTINE ST

Legal Description: 225X385 FT SE COR 19TH & AUGUSTINE (W 1/2 1 ALL 2-3-4-5-6-7-8 HOWARD SUBD) AND PTS 9 THRU 14

PRESORTED

FIRST CLASS MAIL

US POSTAGE PAID

CINCINNATI, OH PERMIT # 9714

Recievel 10/29/2015

## իկերումիկ իկ ինքերին հետև կինը դրդին հերին

UMO038178

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2015 KENTON VIXIE 430 DE 1260 0010/02/15 PAYABLETO CHARLES See Reverse Side F NOT DELIVERABLE AS ADDRESSED UNABLE TO FORWARD

BC: 41018807070 \*3013-01954-02-30

Bill Number: 12272 P I D N: 055-41-14-006.02

Taxing District	Rate@100	Taxable Value	Tax Amount	Property Location:
STATE	0.12200		0.00	2226 OAKLAND AVE
COUNTY	0.14800		0.00	Legal Description:
COVINGTON SCHOOL	1.11100		0.00	2.2 ACRES ES OAKLAND AVE INCLUDING
EXTENSION DIST	0.00930		0.00	LOTS 15 16 & PT 17 CRAIG & FISCHER'S
HEALTH	0.02000		0.00	
LIBRARY	0.11300		0.00	
AREA PLANNING	0.02900	1.0	0.00	
(NO FIRE)	0.00000		0.00	
911 fee *			60.00	
				Fair cash value: 1
		Gross Tax Due	60.00	Exemption: 1 Taxable value :

	If Paid on or Before	Amount Due:
Discount	11/01/15	60.00
Face	12/31/15	60.00
Penalty 1	01/31/16	60.00
Penalty 2	04/15/16	60.00

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## 2015 KENTON COUNTY TAX BILL PAYABLE TO CHARLES L. KORZENBORN, SHERIFF See Reverse Side For Additional Information

PRESORTED FIRST CLASS MAIL US POSTAGE PAID CINCINNATI, OH PERMIT # 9714

1

Bill Number: 6 P I D N: 069-	50442	Real Estate		
Taxing District	Rate@1	00 Taxable Value	Tax Amount	Property Location:
STATE COUNTY COMMON SCHOOL EXTENSION DIST HEALTH LIBRARY AREA PLANNING (NO FIRE) 911 fee *	0.1220 0.1480 0.0093 0.0200 0.1130 0.0290 0.0000	00 00 00 00 00 00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	LOT 80'X150' WS DECOURSEY PIKE
_		Gross Tax Due	60.00	Fair cash value: 1 Exemption: 1
		01033 182 000	00.00	Taxable value:
	If Paid on or Before	Amount Due:		
Discount	11/01/15	80.00	Infordmullillion	ոսուվիսիվիկվառուղերիվկեսների
Face	12/31/15	NIXI	E 430	DE 1250 0010/02/15
Penalty 1 Penalty 2	01/31/16 04/15/16	N	RETU OT DELIVE UNAB	RABLE AS ADDRESSED

41018@8070



City of Villa Hills 719 Rogers Road Villa Hills, KY 41017

ph 859-341-1515 fax 859-341-0012

## Property Tax Statement

Duke Energy Kentucky Inc David W. Wright 550 South Tryon DEC-41B Charlotte, NC 28202

.

Bill Number:U20-16-15-052.60Date:10/1/2016

Tax Year	Type of Tax	Assessed Value	Rate	Tax Amount		
2015	Real Estate	\$5,018,464 \$2,442,029	0.00214	\$ 10,739.51		
2015	Personal Property	\$2,442,029	0.0007	\$ 1,709.42 \$ 12,448.93		
	If paid within 30 days 2% discount may be taken					
			If paid by 10/31/2016	\$ 12,199.95		

Payments received after 60 days of the invoice date will be subject to a 15% penalty and 0.5% interest per month (6% per annum).

If you have questions regarding this invoice, please contact Craig Bohman the City Administrator/Clerk at the number above or via e-mail at cbohman@villahillsky.org

----- Please remit this portion with your payment -----

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CITY OF RYLAND HEIGHTS 10145 DECOURSEY PIKE RYLAND HEIGHTS, KY 41045

ph 859-363-7707 fax 859-363-7711

rylandheights@mw.twcbc.com

DUKE ENERGY KENTUCKY INC ATTN: DAVID WRIGHT 550 SOUTH TRYON DEC-41B CHARLOTTE, NC 28202-0000

\*\*\*

\$

BILL NUMBER: PSC - 16-002

TAX YEAR	TAX TYPE	ASSESSED VALUE	RATE	TAX AMOUN
2015	REAL PROP	\$ 60,071.00 /	0.0012	\$ 72.0
2015	PERS PROP	\$ 2,011,480.00	0.00177	
		,		\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ 3,632.4
	2% DISCOUNT IF P	AID WITHIN 30 DAYS		\$ 72.0
				\$ 3,559.
				C

Please remit this portion with your payment

PROPERTY TAX BILL

REMIT PAYMENT TO: CITY OF RYLAND HEIGHTS 10145 DECOURSEY PIKE RYLAND HEIGHTS, KY 41045 NAME: DUKE ENERGY KY INC BILL NUMBER: PSC -16-002 BILLING DATE: 8/28/16 TOTAL DUE: \$3632.40 AMOUNT PAID: \_\_\_\_\_

## KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 56 of 84



## **INVOICE**

Invoice Date: 5/16/16

## **CITY OF ELSMERE**

318 GARVEY AVE. ELSMERE, KY 41018 859-342-7911

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Bill To: Duke Energy Kentucky Inc. David Wright 550 South Tryon DEC-41B Charlotte, NC 28202-0000

> FRANCHISE TAX 37.5 ,193

Tangible Assessment: \$2,642,371

MONTH	YEAR	TANGIBLE TAX	REAL ESTATE
			TAX
	2015	\$5,099.78	\$10,853.40 /

TOTAL AMOUNT DUE: Payment due upon receipt

\$15,953.18 Be 61016

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CUT AND RETURN BOTTOM PORTION WITH PAYMENT

Duke Energy Kentucky Inc. David Wright 550 South Tyron DEC-41B Charlotte, NC 28202-0000

Franchise Tax

Invoice Date: 5/16/16

Make Payable To: City of Elsmere

Total Amount Due: \$15,953.18

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 57 of 84



The City of Fort Wright, Kentucky 409 Kyles Lane, Fort Wright, KY 41011-5146

www.fortwright.com (859) 331-1700

April 19, 2016

Duke Energy Kentucky Inc. David Wright 550 South Tryon DEC-41B Charlotte, NC 28202-0000

## Bill Number: 2015-PCS-015

RE: 2015 Real Estate and Tangible Property Tax

The Kentucky Revenue Cabinet, Public Services Division, has certified the 2015 Public Service assessment. Therefore, the 2015 "Tax Due" amount is now due.

Real Estate Valuation	Tax Rate Per \$100 Real Valuation	Tangible Valuation	Tax Rate Per \$100 Tang Valuation	Tax Due 30 Days <u>By 5/11/16</u>
5,111,916	0.276	3,859,240 -⁄	0.400	\$ 29,545.85 <i>JU</i> \$/17/14

The "Tax Due" amount must be received by the City of Fort Wright, Kentucky or postmarked by May 19, 2016.





April 20, 2016

Duke Energy Kentucky Inc. David Wright 550 South Tryon DEC-418 Charlotte, NC 28202

## Invoice for 2015 Property Assessment Tax for Public Service Company

The City of Taylor Mill, Kentucky has received the Cerfification of Pulic Service Company Property Assessment from the Commonwealth of Kentucky Department of Revenue. According to their records, the following tax amounts are due:

Tax Year 2015	Tangible Property Amt. \$3,980,522.00 ✓	Tax Rate 7.5/1000	Tangible Amount Due \$29,853.92	
Tax Year	Real Property Amt.	Tax Rate	Real Property Amount Due	
	\$4,229,295.00 🗸	4.21/1000	\$17,805.33	
		TOTAL:	\$47,659.25	
Less 2% disco	unt if paid by May 20, 2016	\$953.18		
Amount due	by May 20, 2016:	\$46,706:06	De	
If paid betwee please pay ful	\$47,659.25	5/17/14		
piease pay fui	ranount que.	\$47,039.25		
If paid betwee	en June 20, 2016 and July 20, .	2016		
•	l amount due, plus a 5% late j	\$50,042.21		
	C 522	make check payal Tity of Taylor Mill 25 Taylor Mill Roa ylor Mill, KY 4101	d	

For questions about this invoice, please contact: Angie Wright at 859-581-3234 Thank you.

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Type code_: GEU gas & electric utili         REPAL ESTATE	E: 04/19/16
ZMC:         005260         BILLING DAT           DUKE ENERGY KENTUCKY INC         DAVID WRIGHT         DAVID WRIGHT         S50 SOUTH TRYON           DEC-41B         CHARLOTTE, NC 28202         TANGTELE         TANGTELE           RateAssessment         Tax Amount         RateAssessment         Tax Amount           RefAssessment         Tax Amount         RateAssessment         Tax Amount           KENTON COUNTY         0.14800         26,256,744         166,859.98         0.22040         83,253,753         24,418.33           V.X.A.P.C.         0.02900         26,256,744         11,741.88         0.02000         83,253,753         24,418.33           COMMON SCHL         0.11300         26,256,744         12,704.22         0.19710         83,253,753         16,93.15           DECHMOOD SCHL         0.00000         5,752,144         132.299         0.01000         33,00,140         0.00           COMMON SCHL         0.19000         5,750,775         310,858.93         0.000         0.88000         8,629,657         0.00           CMIDLAW SCHL         0.19000         343,777         684.12         0.20000         2,556,691         5,122.18           COMMON SCHL         0.19000         16,810.12 <td< th=""><th>E: 04/19/16</th></td<>	E: 04/19/16
DURGE ENERGY KENTUCKY INC AVTD WEIGHT 550 SOUTH TRYON E2C-41B HARLOTTE, NC 28202 Type code_: GEU gas & electric utili REAL ESTATE	E: 04/19/16
DAVID WRIGHT SSO SOUTH TRYON DEC-41B CHARLOTTE, NC 28202 Type code_: GEU gas & electric utili REAL ESTATE	
DAVID WRIGHT SSO SOUTH TRYON DEC-41B CHARLOTTE, NC 28202 Type code_: GEU gas & electric utili REAL ESTATE	
DEC-41B CHARLOTTE, NC 28202           Type code_: GEU gas & electric utili           REAL ESTATE	15. 5
Rate         Assessment         Tax Amount         Rate         Assessment         Tax Amount           KENTON COUNTY         0.14800         26,256,744         186,859.98         0.20400         83,253,753         169,837.66           N.K.A.P.C         0.02900         26,256,744         17,41.88         0.02030         83,253,753         16,650.75           CO-OP EXT SRV         0.00930         26,256,744         17,41.88         0.01030         83,253,753         164,093.15           LIBRARY         0.11300         26,256,744         11,741.88         0.01030         83,253,753         164,093.15           BEECHWOOD SCHL         0.00000         5,750,715         0.00         0.00000         3,300,140         0.00           COWINGTON SCHL         1.1100         41,542,123         461,532.99         1.15700         17,558,583         203,152.81           LUDLOW SCHL         0.18900         343,777         684.12         0.88700         2,248,4655         19,269.35           WALTON SCHL         1.09600         0         0.00         0.00         0.00         0.00         0.00         0.000         0.000         0.000         0.000         0.000         0.000         0.00         0.000         0.000         0.000	2016 MPR
REAL ESTATE       TANGIBLE         Rate       Assessment       Tax Amount         Rate       O.22000 26, 256, 744       36, 614.46         CO-DP EXT SRV       0.00300 26, 256, 744       11, 741.88         D.1300 26, 256, 744       142, 670.12       0.01030 83, 253, 753       16, 603.75         COVINGTON SCHL       0.00000 5, 750, 715       0.00       0.00000 3, 300, 140       0.00         COVINGTON SCHL       1.1100 41, 542, 123       464, 331.03       0.66900 51, 536, 770       313, 858.93         COVINGTON SCHL       1.09600       0       0.00       0.0000       2, 248, 465       19, 269.35         KUDLOW SCHL       0.19900       343, 777       664.12       0.20000 2, 556, 091       5, 112.18         COVINGTON FD       0.20000       26, 622       53.28       0.20000 2, 556, 091       5, 112.18         DOBOCMF/MAL FD       0.19900       343, 777       664.12	
REAL ESTATE	700 1407
Rate         Assessment         Tax Amount         Rate         Assessment         Tax Amount           KENTON COUNTY         0.14800         26,256,744         186,859.98         0.20400         83,253,753         169,837.66           N.K.A.P.C         0.02000         26,256,744         17,41.88         0.02033         253,753         16,650.75           CO-OP EXT SRV         0.00303         26,256,744         17,41.88         0.02000         83,253,753         164,093.15           LIBRARY         0.11300         26,256,744         11,741.88         0.02000         83,253,753         164,093.15           SEECHWOOD SCHL         0.00000         5,750,715         0.00         0.00000         3,300,140         0.00           COWINGTON SCHL         1.1100         41,542,123         461,532.99         1.15700         17,558,583         203,152.81           LUDLOW SCHL         0.18900         343,777         664.12         0.88700         2,248,4655         19,269.35           RALTON SCHL         1.09600         0         0.00         0.00         0.00         0.00         0.00         0.00         0.000         0.000         0.000         0.000         0.000         0.00         0.000         0.000         0.000	tso Kat
Rate         Assessment         Tax Amount         Rate         Assessment         Tax Amount           KENTON COUNTY         0.14800         26,256,744         186,859.98         0.20400         83,253,753         169,837.66           N.K.A.P.C.         0.02000         26,256,744         17,41.88         0.02033         253,753         16,650.75           CO-OP EXT SRV         0.0930         26,256,744         17,41.88         0.01030         83,253,753         16,650.75           CO-OP EXT SRV         0.09000         5,750,715         0.00         0.01030         83,253,753         164,093.15           BEECHWOOD SCHL         0.00000         5,750,715         0.00         0.00000         3,300,140         0.00           COVINGTON SCHL         1.1100         41,542,123         461,532.99         1.15700         17,558,583         203,152.81           ENCAMERE         0.88800         14,629,657         0.00         0.88700         2,248,4655         19,269.35           MALTON SCHL         1.19600         343,777         664.12         0.20000         2,556,091         5,112.18           DEONE/WAL FD         0.19900         343,777         664.12         0.20000         2,556,931         5,122.18           DEDEMEWA	
KENTON COUNTY       0.14800 26,256,744       186,859.98       0.20400 83,253,753       169,837.66         N.K.A.P.C.       0.02900 26,256,744       36,614.46       0.0293 83,253,753       24,418.33         MERLINH       0.02000 26,256,744       11,741.88       0.01030 83,253,753       16,650.75         CO-OP EXT SRV       0.01300 26,256,744       112,741.88       0.01030 83,253,753       164,093.15         BEECHWOOD SCHL       0.00000 5,750,715       0.00       0.00000 3,300,140       0.00         COWINGTON SCHL       0.11100 41,622,123       464,331.03       0.60900 51,336,770       313,858.93         COVINGTON SCHL       0.05000       59,824,471       364,431.03       0.60900 51,736,715       0.00         COWINGTON SCHL       0.05700       59,824,471       364,431.03       0.60900 51,736,715       0.00         LUDLOW SCHL       0.55700       4,509,778       364,431.03       0.60900 51,736,715       0.00         MALTON SCHL       0.55700       4,509,778       38,648.80       0.88800       8,609,795       0.00         BEDEWOOD FD       0.00000       0       0.00       0.00       0.00       0.00       0.00         BEDEWOOD FD       0.19900       343,777       684.12       0.20000 2,556,091       5,	
N.K.A.P.C. 0.02900 26,256,744 36,614.46 0.02933 83,253,753 24,418.33 HEALTH 0.02000 26,256,744 12,741.88 OLO2000 28,256,744 12,741.88 LIBRARY 0.11300 26,256,744 142,670.12 0.0200 83,253,753 6,557.14 LIBRARY 0.11300 26,256,744 142,670.12 0.19710 83,253,753 164,093.15 BEECHWOOD SCHL 0.00000 5,750,715 0.00 0.00000 3,300,140 0.000 COMMON SCHL 1.1100 41,542,123 451,352.99 1.15700 17,558,583 203,152.81 4 COVINGTON SCHL 1.1100 41,542,123 451,352.99 1.15700 17,558,583 203,152.81 4 UIDLOW SCHL 0.88900 14,629,657 0.00 0.88800 8,609,795 0.00 ULDLOW SCHL 1.09600 0 0 0.00 0.00 0.00 0.85700 2,248,4655 19,269.35 WALTON SCHL 1.09600 0 0 0.00 0.00 0.00 0.00 0.00 0.00	$\odot$ Total
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CO-OP EXT SRV       0.0030 26,256,744       11,741.88       0.01030 83,253,753       8,575.14         LIBRARY       0.11300 26,256,744       142,670.12       0.19710 83,253,753       164,093.15         BEECHWOOD SCHL       0.00000 5,750,715       0.000       0.00000 3,300,140       0.00         COVINCTON SCHL       1.11100 41,542,1234       461,532.99       1.15700 17,558,583       203,152.81         COVINCTON SCHL       0.88900 14,629,657       0.00       0.88900 8,609,795       0.00         LUDLOW SCHL       0.88700 4,509,778       38,648.80       0.88700 2,248,465       19,269.35         WALTON SCHL       0.08000       -0.00       0.000       0.000       0.000       0.000         BEOCNE/WAL FD       0.19900       343,777       684.12       0.20000 2,556,091       5,112.18         DEDESENDENCE FD       0.20000       2,6,642       53.28       0.20000 13,269,933       26,539,87         INDEPENDENCE FD       0.20000       26,642       53.28       0.20000 13,269,933       26,539,87         INDEPENDENCE FD       0.20000       26,642       53.28       0.20000 13,269,933       26,539,87         INDEPENDENCE FD       0.20000       2,60,826       521.65       0.20000 13,269,933       26,539,87	61,032.79
LIBRARY 0.11300 26,256,744 142,670.12 0.19710 83,253,753 164,093.15 BEECHWOOD SCHL 0.00000 5,750,715 0.00 COMMON SCHL 0.60900 59,824,471 364,331.03 COVINGTON SCHL 1.11100 41,542,123 461,532.99 LIDLOW SCHL 0.88700 14,629,657 0.00 LUDLOW SCHL 0.85700 4,509,778 38,648.80, WALTON SCHL 1.09600 0 0 0 0 0.00 LUDLOW SCHL 1.09600 0 0 0 0 0 0.00 ECONE/WAL FD 0.19900 343,777 684.12 D.20000 6,350,171 12,700.34 INDEPENDENCE FD 0.19900 15,815,444 30,840.12 ( KENTON FD 0.20000 260,826 521.65 RYLAND HTS FD 0.19800 345,054 683.21 1,313,133.33 974,838.41 TOTAL DUE: 2 Please Remit to: KENTON COUNTY SHERIFF 303 COURT STREET SUITE 409 CDVINGTON KY 41011 III IIIIIIIIIIIIIIIIIIIIIIIIIIIII	41,902.10
COMMON SCHL 0.60900 59,824,471/ 364,331.03 COVINGTON SCHL 1.1100 41,542,123 461,532,99 ERLANGER 0.88800 14,629,657 0.00 LUDLOW SCHL 0.85700 4,509,778 38,648.80, WALTON SCHL 1.09600 0 0 0.00 EDCME/WAL FD 0.19900 343,777 684.12 EDGEWOOD FD 0.0000 0 0.00 EDCME/WAL FD 0.19900 343,777 684.12 EDGEWOOD FD 0.0000 0 0.00 EDCME/WAL FD 0.20000 6,350,171 12,700.34 INDEPENDENCE FD 0.19500 15,815,444 30,840.12 ¢ KENTON FD 0.20000 260,826 521.65 RYLAND HTS FD 0.19800 345,054 683.21 1,313,133.33 P14,838.41 TOTAL DUE: 2 Please Remit to: KENTON COUNTY SHERIFF 303 COURT STREET SUITE 409 CDVINGTON KY 41011 Please Remit to: KENTON COUNTY SHERIFF 303 COURT STREET SUITE 409 CDVINGTON KY 41011 Please Remit to: KENTON COUNTY SHERIFF 303 COURT STREET SUITE 409 CDVINGTON KY 41011 PLAND HTS FD 0.1960 345,054 683.21 1,313,133.33 P74,838.41 TOTAL DUE: 2 Face 5/19/16 2 Interest 1% 8/17/16 2 Interest 1% 8/17/16 2 Interest 3% 10/16/16 2	20,317.02 306,763.27
COMMON SCHL 0.60900 59,824,471/ 364,331.03 COVINGTON SCHL 1.1100 41,542,123 461,532,99 ERLANGER 0.88800 14,629,657 0.00 LUDLOW SCHL 0.85700 4,509,778 38,648.80, WALTON SCHL 1.09600 0 0 0.00 EDCME/WAL FD 0.19900 343,777 684.12 EDGEWOOD FD 0.0000 0 0.00 EDCME/WAL FD 0.19900 343,777 684.12 EDGEWOOD FD 0.0000 0 0.00 EDCME/WAL FD 0.20000 6,350,171 12,700.34 INDEPENDENCE FD 0.19500 15,815,444 30,840.12 ¢ KENTON FD 0.20000 260,826 521.65 RYLAND HTS FD 0.19800 345,054 683.21 1,313,133.33 P14,838.41 TOTAL DUE: 2 Please Remit to: KENTON COUNTY SHERIFF 303 COURT STREET SUITE 409 CDVINGTON KY 41011 Please Remit to: KENTON COUNTY SHERIFF 303 COURT STREET SUITE 409 CDVINGTON KY 41011 Please Remit to: KENTON COUNTY SHERIFF 303 COURT STREET SUITE 409 CDVINGTON KY 41011 PLAND HTS FD 0.1960 345,054 683.21 1,313,133.33 P74,838.41 TOTAL DUE: 2 Face 5/19/16 2 Interest 1% 8/17/16 2 Interest 1% 8/17/16 2 Interest 3% 10/16/16 2	0.00
COVINGTON SCHL       1.11.00       41,542,123/       461,532.99       1.15700       17,558,583/       203,152.81         ERLANGER       0.88000       14,629,657       0.00       0.00       0.88000       8,609,795       0.00         UDDLOW SCHL       1.09600       0       0.00       0.88700       2,248,465       19,269.35         WALTON SCHL       1.09600       0       0.00       0.88700       2,556,091       5,112.18         EDGEWOOD FD       0.00000       0       0.00       0.000       0.88700       0.00       0.00         BOONE/WAL FD       0.19900       343,777       684.12       0.20000       2,556,091       5,112.18         DEDEEMOENCE FD       0.20000       6,350,171       12,700.34       0.20000       10,980.63         INDEPENDENCE FD       0.20000       26,642       532.26       0.20000       25,919.91       1,070.40         FINER/FISK FD       0.20000       26,632.65       521.65       0.20000       2,908,178       5,816.36         RYLAND HTS FD       0.19800       345,054       683.21       0.14400       3,793,648       5,462.85         I, 313,133.33       974,838.41       TOTAL DUE:       2       Pen1:5%       6/18/16 <td< td=""><td>678,189.96</td></td<>	678,189.96
LUDLOW SCHL 0.85700 4,509,778 38,648.80, WALTON SCHL 1.09600 0 0 0.00 1.09500 2,248,465 19,269.35 WALTON SCHL 1.09600 0 0 0.00 BOONE/WAL FD 0.19900 343,777 684.12 0.20000 2,556,091 5,112.18 EDGEWOOD FD 0.20000 6,350,171 12,700.34 0.0000 0 0 0.00 ELSMERE FD 0.20000 26,642 53.28 INDEPENDENCE FD 0.20000 26,642 531.26 INDEPENDENCE FD 0.20000 26,642 531.26 INTER/FISK FD 0.20000 26,642 531.65 I.03000 13,269,933 26,539.87 0.20000 13,265,938.7 10,980.63 I.0980.03 I.0980.03 15,815,444 30,840.12 0.20000 13,269,933 26,539.87 0.20000 13,269,933 26,539.87 0.20000 535,199 1,070.40 INTER/FISK FD 0.20000 26,642 531.65 I.03000 2,908,178 5,816.36 0.14400 3,793,648 5,462.85 I.313,133.33 974,838.41 TOTAL DUE: 2 IF PAID EY Please Remit to: KENTON COUNTY SHERIFF 303 COURT STREET 5/19/16 2 SUITE 409 CDVINGTON KY 41011 Factor 1% 8/17/16 2 Interest 1% 8/17/16 2 Interest 2% 9/16/16 2	664,685,80
WALTON SCHL       1.09600       0       0.00       1.09600       0       0.00         BOONE/WAL FD       0.19900       343,777       684.12       0.20000       2,556,091       5,112.18         EEGEEWOOD FD       0.0000       0       0.00       0.000       0.000       0.000         ELSMERE FD       0.20000       6,350,171       12,700.34       0.18700       5,871,997       10,980.63         INDEPENDENCE FD       0.19500       26,642       53.28       0.20000       1,070.40         PINER/FISK FD       0.20000       260,826       521.65       0.20000       2,908,178       5,816.36         RYLAND HTS FD       0.19800       345,054       683.21       0.14400       3,793,648       5,462.85         I, 313,133.33       974,838.41       TOTAL DUE: 2       IF PAID BY         Please Remit to:       KENTON COUNTY SHERIFF       503 COURT STREET       Face       5/19/16       2         SUITE 409       CDVINGTON KY 41011       Pen2:10%+10%Shrf       7/18/16       2         Interest 1%       8/7/16/16       2       Interest 2%       9/26/16       2         Interest 3%       10/16/16       2       Interest 3%       10/16/16       2 <td>0.00</td>	0.00
EDGEWOOD FD? 0.00000 - 0 0.00 ELSMERE FD 0.20000 6,350,171 12,700.34 INDEPENDENCE FD 0.19500 15,815,444 30,840.12 ( KENTON FD 0.20000 26,642 53.28 PINER/FISK FD 0.20000 26,042 521.65 RYLAND HTS FD 0.19800 345,054 683.21 1,313,133.33 P74,838.41 TOTAL DUE: 2 Please Remit to: KENTON COUNTY SHERIFF 303 COURT STREET 50 SUITE 409 CDVINGTON KY 41011 Flease Remit to: KENTON KY 41011 Flease Remit to: KENTON KY 41011 CDVINGTON KY 41011	57,918.15 0.00
EDGEWOOD FD? 0.00000 - 0 0.00 ELSMERE FD 0.20000 6,350,171 12,700.34 INDEPENDENCE FD 0.19500 15,815,444 30,840.12 ( KENTON FD 0.20000 26,642 53.28 PINER/FISK FD 0.20000 26,042 521.65 RYLAND HTS FD 0.19800 345,054 683.21 1,313,133.33 P74,838.41 TOTAL DUE: 2 Please Remit to: KENTON COUNTY SHERIFF 303 COURT STREET 50 SUITE 409 CDVINGTON KY 41011 Please Remit to: KENTON KY 41011 Please Remit to: KENTON KY 41011 CDVINGTON KY 41011 D1 20000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5,796.30
INDEPENDENCE FD 0.19500 15,815,444 30,840.12 ( KENTON FD 0.20000 26,642 53.28 PINER/FISK FD 0.20000 260,826 521.65 RYLAND HTS FD 0.19800 345,054 683.21 1,313,133.33 Please Remit to: KENTON COUNTY SHERIFF 303 COURT STREET SUITE 409 COVINGTON KY 41011 Please Remit to: KENTON COUNTY SHERIFF 303 COURT STREET SUITE 409 COVINGTON KY 41011 Please Remit 2% 9/16/16 2 Interest 2% 9/16/16 2 Interest 3% 10/16/16 2	0.00
KENTON FD       0.20000       26,642       53.28       0.20000       535.199       1,070.40         PINER/FISK FD       0.20000       260,826       521.65       0.20000       2,908,178       5,816.36         RYLAND HTS FD       0.19800       345,054       683.21       0.14400       3,793,648       5,462.85         1,313,133.33       974,838.41       TOTAL DUE:       2         IF PAID EY         Please Remit to:       KENTON COUNTY SHERIFF         303 COURT STREET       Face       5/19/16       2         SUITE 409       Pen1:5%       6/18/15       2         COVINGTON KY 41011       Pen2:10%+10%Shrf       7/18/16       2         Interest 1%       8/17/16       2       1       1         J16/16       2       1       1       1       1	23,680.97
PINER/FISK FD 0.20000 260,826 521.65 0.20000 2,908,178 5,816.36 RYLAND HTS FD 0.19800 345,054 683.21 0.14400 3,793,648 5,462.85 1,313,133.33 974,838.41 TOTAL DUE: 2 Please Remit to: KENTON COUNTY SHERIFF 303 COURT STREET Face 5/19/16 2 SUITE 409 COVINGTON KY 41011 Face 5/19/16 2 Pen1:5% 6/18/16 2 Pen2:10%+10%Shrf 7/18/16 2 Interest 1% 8/17/16 2 Interest 3% 10/16/16 2	57,379.99
RYLAND HTS FD 0.19800 345,054       683.21       0.14400 3,793,648       5,462.85         1,313,133.33       974,838.41         TOTAL DUE: 2         IF PAID BY         Please Remit to: KENTON COUNTY SHERIFF         303 COURT STREET       Face       5/19/16         SUITE 409       Pen1:5%       6/18/16         COVINGTON KY 41011       Pen2:10%+10%Shrf 7/18/16       2         Interest 1%       8/17/16       2         Interest 2%       9/16/16       2         Interest 3%       10/16/16       2	1,123.68 6,338.01
TOTAL DUE: 2         IF PAID EY         Please Remit to: KENTON COUNTY SHERIFF         303 COURT STREET       Face         SUITE 409       Pen1:5%         COVINGTON KY 41011       Pen2:10%+10%Shrf 7/18/16 2         Interest 1%       8/17/16 2         Interest 2%       9/16/16 2         Interest 3%       10/16/16 2	6,146.06
IF PAID BY           Please Remit to: KENTON COUNTY SHERIFF           303 COURT STREET           SUITE 409           COVINGTON KY 41011           Pen2:10%+10%Shrf 7/18/16           Interest 1%           8/17/16           Interest 2%           9/16/16           1nterest 3%           10/16/16	······································
IF PAID BY           Please Remit to: KENTON COUNTY SHERIFF           303 COURT STREET           SUITE 409           COVINGTON KY 41011           Pen2:10%+10%Shrf 7/18/16           Interest 1%           8/17/16           Interest 2%           9/16/16           1nterest 3%           10/16/16	,287,971.74
Please Remit to: KENTON COUNTY SHERIFF       303 COURT STREET       Face       5/19/16       2         SUITE 409       Pen1:5%       6/18/15       2         COVINGTON KY 41011       Pen2:10%+10%Shrff       7/18/16       2         Interest 1%       8/17/16       2         Interest 2%       9/16/16       2         Interest 3%       10/16/16       2	,201,311,19 
303 COURT STREET       Face       5/19/16       2         SUITE 409       Pen1:5%       6/18/16       2         COVINGTON KY 41011       Pen2:10%+10%Shrf       7/18/16       2         Interest 1%       8/17/16       2       1         Interest 2%       9/16/16       2       1         Interest 3%       10/16/16       2	
SUITE 409       Pen1:5%       6/18/15       2         COVINGTON KY 41011       Pen2:10%+10%Shrf       7/18/16       2         Interest 1%       8/17/16       2         Interest 2%       9/16/16       2         Interest 3%       10/16/16       2	100 001 04
COVINGTON KY 41011 Pen2:10%+10%Shrf 7/18/16 2 Interest 1% 8/17/16 2 Interest 2% 9/16/16 2 Interest 3% 10/16/16 2	,287,971.74 ,402,370.34
Interest 2% 9/16/16 2 Interest 3% 10/16/16 2	,768,445.83
Interest 3% 10/16/16 2	,796,130.31
	,823,814.74 ,851,499.23
Interest 4% 11/15/16 2	,879,183.68
Interest 5% 12/15/16 2	,906,868.15
Interest 6% 1/14/17 2	,934,552.56
(TAXPAYER COPY)	
:ran020b 04/19/16 02:25-pm	

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# **City of Edgewood** 385 Dudley Road Edgewood, KY 41017 Telephone: 859-331-5910 - Fax: 859-331-5912

April 19, 2016

Duke Energy Kentucky Inc. David Wright 550 S. Tryon Street DEC-41B Charlotte, NC 28202

Dear Sir:

The 2015 Public Service Tax Assessment for your company has been received from the Kenton County Clerk.

The amount now due for 2015 local taxes is as follows:

## **REAL ESTATE**

Assessment	Rate	Amt due if paid By 5/23/16	Amt due if paid By 6/23/16
\$5,444,681	2.44	\$13,019.32	\$13,285.02

## TANGIBLE

Assessment	Rate	Amt due if paid By 5/23/16	Amt due if paid By 3/8/15
\$4,447,124	2.44	\$10,633.96	\$10,850.98

GRAND TOTAL DUE BY 5/23/16 \$23,653.28 9 51618 GRAND TOTAL DUE BY 6/23/16 \$24,136.00

If payment is received after 6/23/16 a 5% penalty will apply and after 90 days a 10% penalty will apply.

Jeanette Kemper City Clerk



505 COMMONWEALTH AVE. • ERLANGER, KY 41018 • 859-727-2525

PUBLIC SERVICE TAX TAX YEAR 2015 042216-2

DUKE ENERGY KENTUCKY, INC. DAVID W. WRIGH'I 550 SOUTH TRYON DEC-41B CHARLOTTE, NC 28202-0000

Real	<u>Rate Per 100%</u> .347	Rate Per 100%	Assessment \$14,102,179.00	<u>Amoun</u> t \$48,934.56	PA- 5/16/14
Tangible	•	.599	\$ 6,669,310.00	\$39,949.17	<i>γ</i> (φ/ Ψ
			TOTAL DUE:	\$88,883.73	
2	% DISCOUNT A	PPLIED IF PAID F	BY: 05/22/16: 06/22/16:	\$87,106.06 \$88,883.73	

All payments received or postmarked after due date but paid within 61-90 days, will be subject to a 5% Penalty: after 90 days a 10% penalty and 6% interest will accrue per annum.

Please remit to:

City of Erlanger 505 Commonwealth Ave. Erlanger, KY 41018 KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 62 of 84

St:

Ke F

	FOR TAX YEAR	PRO	PERTY TAX BI	LL NO.
	2015		1489	
MAKE CHECK PAYABLE TO	DUE BY	ASSESSED VALUE	RATE	AMOUNT OF
CITY OF LAKESIDE PARK P.O. BOX 17127 LAKESIDE PARK, KY 41017	6/5/16			
FORWARD A COPY TO MORTAGE COMPANY IF PAID THROUGH ESCROW ACCOUNT. RETURN NOTICE WITH	Real Estate	2,452,540	.314	\$ 7,700.98
PAYMENT. WHEN PAYING BY MAIL INCLUDE SELF-ADDRESSED ENVELOPE FOR RECEIPT.	Tangible	1,478,010	1.182	\$ 17,470.08
OWNER:				\$ 25,171.06
DUKE ENERGY KENTUCKY INC. DAVID WRIGHT				5-16-6
550 SOUTH TRYON DEC-41B CHARLOTTE, NC 28202-0000				
				1

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# **CITY OF CRESTVIEW HILLS**

50 Town Center Boulevard, Crestview Hills, Kentucky 41017-2561 (859) 341-7373, FAX (859) 341-6993

IF YOU HAVE AN ESCROW ACCOUNT WITH A MORTGAGE COMPANY, PLEASE FORWARD TO THEM IMMEDIATELY.

UNION LIGHT HEAT & POWER CO TAX DEPT 1000 E MAIN ST PLAINFIELD, IN 46168-1765

Bill # 2015-1019

Due Date 12/31/15

-

2015 Property Tax Statement		LOCATION	P	PIDN	
		2612 THOMAS MORE	029-10-0	00-001.02	
GROSS ASSESSMENT		HOMESTEAD EXEMPTION	MORT	GAGOR	
650,000		0			
PROPERTY VALUE DESCRIPTI	ON	TAX RATE PER HUNDRED	NET ASSESSMENT	AMOUNT DUE	
2015 Property Tax City		.161	650,000	1,046.50	
			BILL TOTAL	\$1,046.50	

ALL PAYMENTS RECEIVED OR POSTMARKED AFTER DEC. 31 WILL BE SUBJECT TO PENALTY & INTEREST. NO RECEIPT RETURNED UNLESS ACCOMPANIED BY SELF ADDRESSED STAMPED ENVELOPE City of Fort Mitchell 14-15 & 15-16 2355 Dixie Highway Fort Mitchell, KY 41017-0157

# INVOICE

Invoice Number: 895 Invoice Date: May 2, 2016 Page: 1

Voice: 859-331-1212 Fax: 859-331-6102

Bill To:	Ship to:
DUKE ENERGY KENTUCKY INC	DUKE ENERGY KENTUCKY INC
ATTN: DAVID WRIGHT	ATTN: DAVID WRIGHT
550 S TRYON DEC-41B	550 S TRYON DEC-41B
CHARLOTTE, NC 28202	CHARLOTTE, NC 28202

Γ	Customer ID	Customer PO	Payment	Terms
-[	DUKE ENERGY KENTUCKY		2% DISC OF \$202.0	
	Sales Rep ID	Shipping Method	Ship Date	Due Date
		Courier		6/1/16

Quantity	Item	Description	Unit Price	Amount
		FORT MITCHELL REAL PROPERTY TAX		10,101.8
		2015 ASSESSMENT FOR PUBLIC		
		SERVICE TAX \$7,267,548.00 X .00139 =		
		\$10,101.89 (DOES NOT INCLUDE		
		DISCOUNT AS LISTED ABOVE)		
ļ.				
		······································		
		Subtotal		10,101.89
		Sales Tax		
		Total Invoice Amount		10,101.89
neck/Credit Memo I	No:	Payment/Credit Applied		
		TOTAL		10,101.89
			l_	720

Da Srieng

# City of Fort Mitchell 14-15 & 15-16 2355 Dixie Highway Fort Mitchell, KY 41017-0157

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## INVOICE ч,

Invoice Number:	891
Invoice Date:	May 2, 2016
Page:	1

Voice: 859-331-1212 Fax: 859-331-6102

Bill To:	Ship to:
DUKE ENERGY KENTUCKY INC	DUKE ENERGY KENTUCKY INC
ATTN: DAVID WRIGHT	ATTN: DAVID WRIGHT
550 S TRYON DEC-41B	550 S TRYON DEC-41B
CHARLOTTE, NC 28202	CHARLOTTE, NC 28202

Customer ID	Customer PO	Payment Terms	
DUKE ENERGY KENTUCKY		2% DIS OF \$547.82 IF PAID BY 6/2/16	
Sales Rep ID	Shipping Method	Ship Date	Due Date
	Courier ·		6/1/16

Quantity	Item	Description	Unit Price	Amount
		BEECHWOOD SCHOOL TANGIBLE		27,391.16
ł		PROPERT 2015 TAX ASSESSMENT		
		PUBLIC SERV UTILITY TAX OF		
		\$3,300,140.00 X .0083 = \$27,391.16		
		(DOES NOT INCLUDE DISCOUNT AS		
		LISTED ABOVE)		
}				
		Subtotal	······································	27,391.16
		Sales Tax		
		Total Invoice Amount		27,391.16
neck/Credit Memo N				······································
TOTAL			27,391.16	

BE SIRAG

City of Fort Mitchell 14-15 & 15-16 2355 Dixie Highway Fort Mitchell, KY 41017-0157

# INVOICE

Invoice Number:	890
Invoice Date:	May 2, 2016
Page:	1

Voice: 859-331-1212 Fax: 859-331-6102

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#### Bill To: Ship to: DUKE ENERGY KENTUCKY INC DUKE ENERGY KENTUCKY INC ATTN: DAVID WRIGHT ATTN: DAVID WRIGHT 550 S TRYON DEC-41B 550 S TRYON DEC-41B CHARLOTTE, NC 28202 CHARLOTTE, NC 28202

Customer ID	Customer PO	Paymen	Payment Terms	
DUKE ENERGY KENTUCKY		2% DISC OF \$954.62 IF PAID BY 6/2		
Sales Rep ID	Shipping Method	Ship Date	Due Date	
	Courier		6/1/16	

Quantity	Item	Description	Unit Price	Amount
		BEECHWOOD SCHOOL REAL		47,730.94
ļ		PROPERTY 2015 TAX ASSESSMENT		
		FOR PUBLIC SERV UTILITY TAX OF		
l I		\$5,750,715.00 X .0083 = \$47,730.94		
		(DOES NOT INCLUDE DISCOUNT AS		
		LISTED ABOVE)		
	· · · · · · · · · · · · · · · · · · ·			
		Subtotal		47,730.9
		Sales Tax		
		Total Invoice Amount		47,730.9
neck/Credit Memo N	lo:	Payment/Credit Applied		
TOTAL			47,730.9	

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1106 Amsterdam Road Park Hills, Kentucky 41011-2097 (859) 431-6252 Fax (859) 431-6410

Mayor Matt Mattorie

Councilineinbers Greg Claypole Steve Elkins L. F. Skip Fangman Monty O'Hara Pamela Spoor Kathy Zembrodt

City Clerk/Treasurer John Alig

Cily Attorney fotid V. McMurtry

Disief of Police Cody Stanley

hiet of Fuc/EMS thn S. Rigney

iblic Works Director Inlet VonHandorf

y Engineer *ier* Becker



BILLING DATE: April 20, 2016

NAME: DUKE ENERGY KY, INC

ADDRESS: ATTN: DAVID WRIGHT 550 SOUTH TRYON DEC-41B CHARLOTTE, NC 28202-0000

2015 - REAL ESTATE TAX - 2,728,072.00 X .209 = \$5,701.67

2015 - TANGIBLE TAX -  $$1,668,214.00 \times .75 = $12,511.61$ 

TOTAL: \$18,213.28 516-16



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#### FRANCHISE TAX STATEMENT

## ERLANGER CONSOLIDATED SCHOOLS

Linda Holmes, Tax Collector 500 Graves Avenue Erlanger, KY 41018 859-727-2009

April 21, 2016

DUKE ENERGY KENTUCKY INC. ATTN: DAVID WRIGHT 550 SOUTH TRYON DEC-41B CHARLOTTE, NC 28202

School Tax in accordance with assessment by State Tax Commission:

Tax Year 2015 #5260

Tangible Personal Assessment	\$ 8,609,795.	
Franchise	\$	
Real Estate Assessment	\$ 14,629,657.	
Total Evaluation	\$ 23,239,452.	
Rate per \$100.	\$ .00888	
2015 School Tax	\$ 206,366.33 Dr 5/6/	ſ

Payment is due upon receipt of invoice.

PLEASE MAKE CHECKS PAYABLE TO: ERLANGER-ELSMERE BOARD OF EDUCATION
#### KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 69 of 84

# PLEASE DETACH AND RETURN TOP PORTION WITH PAYMENT

# **CITY OF FAIRVIEW**

P.O. Box 121	- 12
Independence KY	41051
City Property Tax	c

Description	Tax Rate	Amount Due
City of Fairview Property Tax Assessment: \$240,088.00 90 2/231/	720.26	720.26
A 10% penalty will be applied to amounts due if not paid in full by Dec.31.	Total	\$720.26
If you have an escrow account, please contact your mortgage company.	Balance Due	\$720.26

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KING. POF INGHT DRESS

	ITY OF DVING Entuc	TON Sky		F	DATE 12/15/2015	INVOICE NO 0000735
BILL TO	······································			L		<u>لے بے میں میں میں میں میں میں میں میں میں میں</u>
DUKE ENERGY KENTUCKY I ATTN: DAVID WRIGHT 550 SOUTH TRYON DEC41B CHARLOTTE, NC 28285	NC					
				_		DUE DATE
			H	V (rank	<b>;</b>	1/15/2016
DESCRIPTION	QUANTITY	EFFECTIVE RATE	AMOUNT	DISCOUNT	CREDIT	┢ <u>────</u> ──────
DESCRIPTION PREVIOUS ACCOUNT BALANCE	QUANTITY	EFFECTIVE RATE			<u> </u>	1/15/2016
<u> </u>	AL ESTATE = \$14	12,903.81	AMOUNT		<u> </u>	1/15/2016 BALANCE
PREVIOUS ACCOUNT BALANCE 2015 FRANCHISE TAXES \$45,656,168 @ 0.3130 PER HUNDRED RE	AL ESTATE = \$14	12,903.81	AMOUNT		<u> </u>	1/15/2016 BALANCE

⊿talie W

یm: Sent: To: Subject: support@kentoncounty.org Friday, November 20, 2015 1:46 PM Polk, Natalie W KENTON COUNTY PROPERTY TAX BILL 2015 # 3586

\*\*\* Exercise caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*

Tax bills can be paid at any Northern Kentucky Fifth Third Bank through December 31st 2015 or pay tax bills online at <u>www.kcor.org</u>. (Credit/Debit card transactions are subject to a convenience fee paid by the cardholder. The Sheriff does not receive any type of fee or commission for these transactions.)See Sheriff's answers to <u>frequently asked questions</u>.

#### 2015 KENTON COUNTY PROPERTY TAX BILL SHERIFF CHARLES L. KORZENBORN -- Phone:(859)392-1800

:0:

7014 1200 0000 3882 0806

County Sheriff 188070 KY 41018-8070 DUKE ENERGY KENTUCKY INC 139 E 4TH ST CINCINNATI OH 45202-4003

Bill Number: 3586 Real Estate PIDN: 055-11-14-006.00

Taxing District	Rate@100	Taxable Value	Tax Amount
STATE	.12200		0.00
COUNTY	.14800		0.00
COVINGTON SCHOOL	1.11100		0.00
COOP EXTENSION	.00930		0.00
HEALTH	.02000		0.00
LIBRARY	.11300		0.00
AREA PLANNING	.02900		0.00
(NO FIRE)			0.00
911 Fee *			60.00
		Gross Tax Due	60.00

Property Location: 404 13TH ST W

Description: 25' NS 13TH 25' W LEE WBTI PT LOTS 25-26-68-69

Gross Assessment: 5,000.00 Less Exemption: 5,000.00 Taxable Value: 0.00

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# Solid Waste and Recycling Disposal Fee

Bill for Period: January I to June 30, 2015

**City of Covington** 

20 West Pike Street, Covington, Kentucky 41011 859-292-2180

Bill No: 13814

Due-Date: 03/31/2015

PIDN: 055.11.14.002.00

Property Address 409 WATKINS STREET

Waste Units: 1.00

Always be a good neighbor. Place waste/recycling toters out of sight on non-pickup days.

2015 Waste Fee Notice						
Description			Amount Due			
Waste	If paid by:	03/31/2015	\$75.00			
	If paid by:	04/30/2015	\$76.88			
	If paid by:	05/31/2015	\$78.75			
	If paid by:	06/30/2015	\$80.63			

Account balances unpaid as of 6/30/2015 will be added to your 2015 Real Estate Bill with applicable penalty and interest.

Holiday Schedule: No waste/recycling services will be available throughout the City on Thanksgiving Day, Christmas Day or New Year's Day. Please contact Department of Public Improvements at 859-292-2292 or refer to the City website for the complete schedule.

Detach and Return Stub Below With Payment

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# Solid Waste and Recycling Disposal Fee

Bill for Period: January I to June 30, 2015

City of Covington

20 West Pike Street, Covington, Kentucky 41011 859-292-2180

Bill No: 3507

Initial Initia In

Due-Date: 03/31/2015 PIDN: 055.11.14.001.01 13656 52

Property Address 411 -17 WATKINS STREET

----

Waste Units: 1.00

Always be a good neighbor. Place waste/recycling toters out of sight on non-pickup days.

2015 Waste Fee Notice						
Description			Amount Due			
Waste	If paid by:	03/31/2015	\$75.00			
	If paid by:	04/30/2015	\$76.88			
	If paid by:	05/31/2015	\$78.75			
	If paid by:	06/30/2015	\$80.63			

Account balances unpaid as of 6/30/2015 will be added to your 2015 Real Estate Bill with applicable penalty and interest.

Holiday Schedule: No waste/recycling services will be available throughout the City on Thanksgiving Day, Christmas Day or New Year's Day. Please contact Department of Public Improvements at 859-292-2292 or refer to the City website for the complete schedule.

Detach and Return Stub Below With Payment

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# Solid Waste and Recycling Disposal Fee

Bill for Period: January I to June 30, 2015

**City of Covington** 

20 West Pike Street, Covington, Kentucky 41011 859-292-2180

Bill No: 3508

Due-Date: 03/31/2015

PIDN: 055.11.14.009.00

Property Address 410 13TH STREET WEST

Waste Units: 4.00

Always be a good neighbor. Place waste/recycling toters out of sight on non-pickup days.

2015 Waste Fee Notice						
Description			Amount Due			
Waste	If paid by:	03/31/2015	\$300.00			
	If paid by:	04/30/2015	\$307.50			
	If paid by:	05/31/2015	\$315.00			
	If paid by:	06/30/2015	\$322.50			

2015 Waste Fee Notice

Account balances unpaid as of 6/30/2015 will be added to your 2015 Real Estate Bill with applicable penalty and interest.

Holiday Schedule: No waste/recycling services will be available throughout the City on Thanksgiving Day, Christmas Day or New Year's Day. Please contact Department of Public Improvements at 859-292-2292 or refer to the City website for the complete schedule.

Detach and Return Stub Below With Payment

# City of Covington 20 West Pike Street, Covington, Kentucky 41011 (859) 292-2180

2015 TAX NOTICE FOR PROPERTY OWNERS UNDER CITY OF COVINGTON ORDINANCE 0-50-80 AS AMENDED

**BILL NO: 4218** 

DUE-DATE: 10-15-2015

PIDN: 055.11.14.009.00

BANK CODE:

\*IF YOU HAVE AN ESCROW ACCOUNT, FORWARD A COPY OF THIS BILL TO YOUR MORTGAGE COMPANY\*

PROPERTY DESCRIPTION: BAPTIST 3RD LOT 023PT 23.75X89 FT NS 13TH ST 100 FT W LEE ST PROPERTY ADDRESS: 410 13TH STREET WEST

#### **2015 PROPERTY TAX NOTICE**

DESCRIPTION	ASSESSED VALUE	EXEMPTION	TAXABLE VALUE	RATE PER S100	AMOUNT DUE
REAL	5,000	5,000	0	0.3130	0.00
WASTE					300.00
	······································		·····		
		<u> </u>		TOTAL TAX DUE:	300.00

Now accepting online payments, please visit: www.covingtonkytax.com

DETACH AND RETURN STUB BELOW WITH PAYMENT



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859-356-5302 = FAX: 859-356-6843

0000 38945

April 20, 2016

DUKE ENERGY KENTUCKY INC. # 5260 C/O DAVID WRIGHT 550 SOUTH TRYON DEC-41B CHARLOTTE, NC 28202-0000

PUBLIC SERVICE TAX ASSESSMENTS

2015 TANGIBLE TAX ASSM'T	RATE	AMOUNT DUE BY 06/20/16
\$ 5,062,582.00	.642	\$ 32,501.78

.642 \$ 32,501.78

\$ 31,851.74 DISC. BY 05/20/16

2015 REAL ESTATE \$9,604,788.00

RATE	AMOUNT DUE BY 06/20/16
.254	\$ 24,396.16
	\$ 23,908.24

TOTAL DISCOUNT AMOUNT DUE BY 05/20/16 IS \$ 55, 759.98. Shing

Payments can be mailed to P O BOX 830, INDEPENDENCE KY 41051. If you have any questions regarding this matter, you can call the City of Independence at 859-356-5302.

Kentua

Independence Vision Statement: "To become one of America's most livable cities, relentless in the pursuit of an outstanding quality of life for our citizens."

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	and a second							
61A255 (1(	)-02)		Comm	onwealth o	f Kentucky		For County, School	
			CERTIFI		OF PROPER X YEAR 201	TY ASSESSM 5	or Special Taxes IANT	
Return Pa	ayment To	e.						
County Address	Charles W Pendletor 202 Chape Falmouth	ı el St.				GNC:	5260	
	Assessme	ent for 20	15			Date	12/11/2015	
	DUKE ENER 550 SOUTI				County Clerk i	nt of Revenue cer	ENT INSTRUCTIONS tilies this assessment to the n KRS136.180. This assessm lained below.	ent
State: State:	CHARLOT	TE						
	-							
Zip:	28202-0000	1						
ATTN:	DAVID W V	WRIGHT						
Property C	lass-Rate P	er \$ 100			Value	County	School	Special
County- Re		0.5440	School	0.6460	\$3,436,973	\$18,697.13	\$22,202.85	\$40,899.98
County -Ta	ngible	0.7090	School	0.6460	\$1,234,256	\$8,750.88	\$7,973.29	\$16,724.17
					<u> </u>	<b> </b>	·····	\$0.00 \$0.00
								<u></u>
Fotals By	Taxing Di	strict				\$27,448.01	\$30,176.14	\$57,624.15
Rita M. Spo Van Calo	encer, Clerk	τ.				Total Tax	\$57,624.15	
	eceived By:				Penalty (10 percent of t if not paid with		hara ar an an an an an an an an an an an an an	
	uty				Interest		*****	
heriff/Dep					(10 percent per if not paid with			

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 79 of 84



230 Main Street, Falmouth, Kentucky 41040 Phone: (859) 654-6937 Fax: (859) 654-3603 clohara@fuse.net

March 24, 2016

## PUBLIC SERVICE Tax Year 2015

City Clerk, Chrissy O'Hara

Duke Energy Kentucky INC David Wright 550 South Tyron Dec-41B Charlotte, NC 28202-0000

Property Class – Rate Per \$100 Value	Assessed Value	District	Bill No.
Tangible .750	477299.00	2	85
	÷ 100= 4772.99 × .750= \$3579.74		
Real Estate .632	2341111.00 🗸	2	85
	÷ 100= 23411.11 × .632= <b>\$14795.82</b>		

<b></b>		// d///	1/16
	Total Tax Due:	\$18375.56	``

RETURN NOTICE WITH PAYMENT WHETHER PAYING IN PERSON OR BY MAIL. WHEN PAYING BY MAIL INCLUDE SELF-ADDRESSED STAMPED ENVELOPE FOR RECEIPT.

#### KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 80 of 84

Check Date: Apr 07 2016	Vendor Number: 0000138900 Involce Date	Name: CTTY OF B Voucher 1D	Gross Amount	Discounts Taken	Check Nur Late Charge	Paid Anoun
1-12651-35824 015 PROPERTY TAX PAYMENT	Apr 04 2016	10074902	3.096.36	0.00	0.00	3,096.3
Donna 859-472-51	015	P.O. BUT	F BUTLER BOX 229 LER, KY			pt send your bill self addressed se.
David Wrig	Tryon DEC 41 H	Due: 12-	<u>City Taxes</u> 31-16	-		0676
<del>, Mr. 10</del>	CERTIF	al Service		JK	Nº TAX	0 6 7 6 BONDS &
Real Estate Personal Property	For delivery in		ebsite at www.usps.co	m.	2473.39	UZZ.97
Penalty	Endorsement Required Delivery (Endorsement Required) FD FD FD FD FD FD FD FD FD FD FD FD FD	ty of Butler ost Office Box 2 atler, KY 41006	APProster 13 2016 29 5 See Reverse for Total		\$ 2877-34 2096.36	NP
Theek Number:	Date	met 1.40	Gross Amount	Discounts	Late Charges	Paid Amoun
000009621	Apr 07 2016		\$3,096.36	\$0.00	\$0.00	\$3,096.3
Corporate Accounts Payable ST258 400 South Tryon Str Charlotte, NC 28285	DE Kentucky Other Elec 1697 Mommouth St Ste A WOODLAWN, KY 41071	ID LOGO ARÉ ON BACK	. HOLD AT AN ANGLE TO	VIEW. VOID IF ABSENT BANK, N.A. 001 Jeannette, PA Date 4/7/16		
Pay Three thousa	nd ninety-six and 36 / 100 Dol	llars				\$**3,096.36
To The Order Of PO BOX 224 BUTLER, K	)				Mile J Authorized Signatur	lay
17.22	and the state of the				Authorized Signatur	ing

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 2 Page 81 of 84

					(million)
		COMMONWEALTH DEPARTMENT FRANKFORT,	OF REVENUE		lission of the Kentra
NOTICE DATE 12/07/2015		015-12/31/2015	CASE 310473080035	TAX PUBLIC SERVIO	CE COMPANY
NOTICE # 107955670	RETURN VAL# 000005260		TAXPAYER-ID	TAXPAYER NAME DUKE ENERGY H	
	FOR QUESTIONS REGARDING ROBERT 3569 DEPARTMENT OF REVENUE STATION NUMBER 32 P O BOX 491 FRANKFORT KY TEL: (502) 564-8175 FAX: (502) 564-8192 OFFICE HOURS: 8:00 A.M	40501			
	THE PUBLIC SERVICE COMP PROPERTY TAX DUE HAS BE TAXES WILL BE BILLED SE KRS 136.180(2)	EEN CALCULATED.	RECEIVED AND THE		
TAX LIABIL:	тү	1			TAX LIABILITY 1,706,266.75
TOTAL LIAB	LITY				TOTAL LIABILIT 1,706,266.75
TOTAL DUE:			TAX TOT	DTAL AMOUNT OF 1,706,266.75	
DETACH N	< EXPLANATIO	PAYMENT. MAKE C			E TREASURER.
		NOTICE OF T	AX DUE		
			VALIDAT	ING NUMBER	CASE NUMBER
00170	626675		0000	05260	3704530900
#BWNCSLW #15C4K 3	42 296877 O#		= TOTAL = 01/21	DUE AS OF = /2016 =	\$1,706,266,75

 DUKE ENERGY KENTUCKY INC DAVID WRIGHT
 550 SOUTH TRYDN DEC-41B CHARLOTTE
 NV 2B202

•

LOASOO9911 KENTUCKY DEPARTMENT OF REVENUE FRANKFORT, KY 40619

99999 310473080 3 035 107955670 8 00170626675 20151231 5

ENTER AMOUNT PAID:

, (-11)

COMMONWEALTH OF KENTUCKY DEPARTMENT OF REVENUE OFFICE OF PROPERTY VALUATION PUBLIC SERVICE BRANCH Station 32 4Th FL, 501 HIGH STREET FRANKFORT, KY 40601-2103 Phone (502) 564-8175 Fax (502) 564-8192

# NOTICE OF ASSESSMENT FOR COMMERCIAL WATERCRAFT

DUKE ENERGY KENTUCKY INC DAVID W WRIGHT 550 SOUTH TRYON ST DEC-41B CHARLOTTE, NC 28202-0000 GNC: 010267 TYPE CO: CW TAX TYPE: 038 TAX ID:

This Notice of Assessment will become final on 04/18/2016, 45 days from the notice date. A corresponding Notice of Tax Due is being sent from the Compliance and Accounts Receivable System based on the Total Assessment shown below. The Notice of Tax Due will include the state and local tax liability, any applicable interest and/or filing penalties that may be assessed. All commercial watercraft entities will receive a single tax bill that includes both the state and local tax liabilities combined. Local assessment certifications will no longer be issued.

If you protest this assessment, see enclosed 61F007 Notification-Protesting your Assessment for Commercial Watercraft. You must submit a written protest in accordance with KRS 131.110; and as required by KRS 136.180(2), your protest must specify the valuation you claim to be true. Your written protest stating your claimed value and your payment of tax for your claimed value must be submitted to the Department of Revenue on or before 04/18/2016 or no further remedies will be available regarding this assessment per KRS 134.590. Submit your protest and payment to: ATTN Public Service Branch, Division of State Valuation, Office of Property Valuation, Department of Revenue, Station 32 4Th FL, 501 High Street, Frankfort, KY 40601-2103. You may contact the Public Service Branch at Phone (502) 564-8175 and Fax (502) 564-8192.

The state rate for Commercial Watercraft Companies is 45.00 cents per \$100 valuation The local rate for Commercial Watercraft Companies is 101.253 cents per \$100 valuation

NOTICE DATE: 03/04/2016 TAX YEAR: 2015 (For Year Ending December 31, 2014) Dury 1. Kentucky Mileage Percent 90.000000

2. Unit Assessment Value\$286,347.003. Kentucky Assessment\$257,712.004. State Tax Due\$1,159.705. Local Tax Due\$2,609.426. Total Kentucky State & Local Tax Liability\$3,769.12

A 10% penalty is charged for late filed returns per KRS 132.290(3). A 20% penalty is charged for omitted property per KRS 132.290(4). Applicable Interest will be applied when late or omitted. KRS 131.010(6) KRS134.015 KRS136.050

JOCK Y CHIL

# **2015 KENTON COUNTY TAX BILL** PAYABLE TO CHARLES L. KORZENBORN, SHERIFF

See Reverse Side For Additional Information



Bill Number: 3590	Real Estate
PIDN-055-11-14-001 01	

Taxing Dist	rict	Rate@100	Taxable Value	Tax Amount	Property Location:	
STATE		0.12200	1	0.00	411-17 WATKINS ST	
COUNTY		0.14800		0.00	Legal Description:	
COVINGTON SC	HOOL	1.11100		0.00	LOTS 19 20 21 22 & 62 63 64 65 WBTI 3RD	
EXTENSION DIS	ST	0.00930		0.00		
HEALTH		0.02000		0.00		
LIBRARY		0.11300		0.00		
AREA PLANNIN	G	0.02900		0.00		
(NO FIRE)		0.00000		0.00		
911 fee *				60.00		
			Create Tay Due		Fair cash value: 500,000	
			Gross Tax Due	60.00	Exemption: 500,000	
	1 0 0 0	aid on A	mount Due:		Taxable value:	
Discount	11/0	01/15	60.00		վորհեվրվոլիկով   լիսոկի  դ	
Face	12/3	81/15	60.00	I P-1 T23 P1 ******AUTO**MIXED AADC 450 UMO		
Penalty 1	01/3	81/16	60.00	DUKE ENERGY	KENTUCKY INC	
Penalty 2	04/1	5/16	60.00	PO BOX 1007 STE ST 22 M CHARLOTTE NC 28201-1007		

CUT ALONG THIS LINE

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and the second	C K Y CAL
	( A
	<b>WL 國外</b>
a cot	UNIT

# **2015 KENTON COUNTY TAX BILL** PAYABLE TO CHARLES L. KORZENBORN, SHERIFF

See Reverse Side For Additional Information

PRESORTED
FIRST CLASS
MAIL
US POSTAGE PAID
CINCINNATI, OH
PERMIT # 9714

Bill Number			eal Estate		
Taxing Dist	rict	Rate@100	Taxable Value	Tax Amount	Property Location:
STATE		0.12200		0.00	409 WATKINS ST
COUNTY		0.14800		0.00	Legal Description:
COVINGTON SC	HOOL	1.11100		0.00	66 WBTI 24 3/4X89' SS WATKINS
EXTENSION DIS	т	0.00930		0.00	
HEALTH		0.02000		0.00	
LIBRARY		0.11300		0.00	
AREA PLANNING	G	0.02900		0.00	
(NO FIRE)		0.00000		0.00	
911 fee *				60.00	
					Fair cash value: 15,000
			Gross Tax Due	60.00	Exemption: 15,000
		aid on A	mount Due:	Inddaddadada.	Taxable value_:
Discount 11/01/15 Face 12/31/15		60.00 60.00		יווויויויויויויויויויויויויויויויויויו	

60.00

60.00

CUT ALONG THIS LINE

Penalty 1

Penalty 2

01/31/16

04/15/16

արդիկիկորո 450 UMO033473 PROPERTY TAX DEPT DUKE ENERGY KENTUCKY INC PO BOX 1007 CHARLOTTE NC 28201-1007

quantated in 1/29/2017 (1009:54 AM 1991

#### 1/27/2017

#### Property Report

Dusty	Rhodes,	Hamil	ton Co	unty /	Anditor
Property	Report				

Parcel ID 444-3000-0000-00	Addr	255		ex Order cel Number	Tax Year 2016 Paya	able 2017	
			Payment In	formation			
	ROBERT A	GOERING, TREASU	RER			Tax Overview	
Mail Payments to:	amilton County Treasu	rer	-	Tax Lien Pending		No	
		38 E. Court Street, Roo	m 402		Tax Lien Sold		No
		incinnati, Ohio 45202	- Contraction - Contraction		Full Rate	110.0	0.000000
Tax District:	0	01 - CINTI CORP-CINTI	CSD		Effective Rate		0.000000
a 10 ()		DINE ENERGY KENT			Non Business Credit		0.000000
Current Owner(s)	DUKE ENERGY KENT			Owner Occupancy Cred	it	0.000000	
Tax Bill Mail Address		DUKE ENERGY KENT	UCKY INC		Certified Delinquent Yea	аг	
		P O BOX 1321 (DEC4	1B)		Delinquent Payment Pla	an	No
	CHARLOTTE NC 2820			TOP (Treasurer Optiona		\$0.00	
	4				Note: May represent m	uitiple parcels	
		Taxable Value	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1				
Land			0			-	
Improvements			86,280				
Total		86,280					
			Current Yea	r Tax Detall			
		Prior Delinquent	Adj. Delinguent	1st Half	Adj. 1st Half	2nd Half	Adj. 2nd Hal
Real Estate				\$4,781.21		\$4,781.21	
Credit				\$0.00		\$0.00	
Subtotal				\$4,781.21		\$4,781.21	
Non Business Credit				\$0.00		\$0.00	
<b>Owner Occupancy Cr</b>	edit			\$0.00		\$0.00	
Homestead				\$0.00		\$0.00	
Sales CR				\$0.00		\$0.00	
Subtotal		\$0.00	\$0.00	\$4,781.21	\$0.00	\$4,781.21	\$0.00
Interest/Penalty		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Real Estate Paid		\$0.00		\$0.00		\$0.00	
Real Estate Owed		\$0.00		\$4,781.21		\$4,781.21	
Special Assess Paid		\$0.00		\$0.00		\$0.00	
Special Assess Owed		\$0.00		\$0.00		\$0.00	
Total Due		\$0.00		\$4,781.21		\$4,781.21	
Total Pald		\$0.00		\$0.00		\$0.00	
		\$0.00	\$0.00			\$0.00	
Total Owed		\$0.00		\$4,781.21		\$9,562.42	
		Payment	Triformation for	Current And Pi	lor Year		
Date		lalf Pi	rior	1st Half	2nd Haif S		Surplus
	1 - 2015		\$0.00	\$4.14	4,155.11 \$4,155.11		\$0.00
2/1/2016	1-2013		\$0.00	the second second second second second second second second second second second second second second second se	55.51	\$2,255.51	

Information believed accurate but not guaranteed. Treasurer disclaims liability for any errors or omissions

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 3 Page 2 of 6

Dear	Fellow	Taxpayer:
------	--------	-----------

**ROBERT A. GOERING** HAMILTON COUNTY TREASURER Please note that all tax levies approved by voters in 2016 are reflected on this tax bill.

For the convenience of taxpayers, the Treasurer's office will be open for extended hours on the due date of January 31, 2017–7:30 a.m. to 5:30p.m.

Also remember you can always communicate with the Treasurer's Office by using our web address:http://www.hamiltoncountyohio.gov/treasurer/ .....Robert A. Goering, Treasurer

BOOK PLAT PARCEL	PROPERTY OWNER			PROPERTY DESCRIPTION			
570-0260-0028-00	UNION LIGHT HE COMPANY THE	ON LIGHT HEAT AND POWER PANY THE			SS BROWER RD REAR0.717 A C R1 T2 S35		
TAXING DISTRICT/CLASS							
221 INDUSTRIAL							
MARKET VALUE	ASSESSED VALUE (35% OF MARKET	) RATE	L TAX REDUCTION EFFECTIVE TAX E (mills) FACTOR RATE (mills)		NON-BUSINESS CREDIT ROLLBACK FACTOR 0.096745		
LAND 6,110 BUILDING 0 TOTAL 6,110	2,140 0 2,140		86.21	0.1	09249	76.791673	OWNER OCCUPANCY CRED ROLLBACK FACTOR 0.024186
CALCULA	TIONS		T	AX D	ISTRI	<b>BUTION: FI</b>	RST HALF
GROSS REAL ESTATE TAX REDUCTION FACTOR AMOUN NON-BUSINESS CREDIT OWNER OCCUPANCY CREDIT HOMESTEAD HALF YEAR REAL ESTATE TA CURRENT ASSESSMENT HOELINQUENT ASSESSMENT HOELINQUENT REAL ESTATE HALF YEAR AMOUNT DUE FULL YEAR AMOUNT DUE FULL YEAR AMOUNT AMOUNT DUE BY 01/31/2017 LAST DAY TO PAY W Jan 31, 2	T XES ITHOUT PENALTY 2017	184.48 20.14 82.17 70.29 152.46 303.27 152.46	TOW CITY JOIN COUR PUBL FAMI HLTH MEN DEVE PARK CRIM CHIL SENIO ZOOL * YOU * NOW * EXT	NSHIP /VILLA T VOC/ NTY GE LIC LIB ILY SEI I/HOSP TAL HE ELOPM & DISTF IE INFC DREN S OR SER LOGIC/ IR CANC MAL OP ENDED	ATIONAL ENERAL RARY VICE/TI ITAL CA EALTH L ENTAL E ENTAL E RICT ORMATIC SERVICES AL PARK FILED CH FICE HOU HOURS 7,3	REATMENT RE-INDIGENT EVY DISABILITIES DN CENTER S S TCK IS YOUR RECEIP RS 8:00 A.M. TO 4:00 P 0 A.M. TO 5:30 P.M. OP	M. MON-FRI
PROPERTY OWNE	REA	GOERIN	G, HAM E TAX	AILTO BILL:	N COUI FIRST I	nt) NTY TREASURI HALF 2016 UNT DUE BY:	ER Jan 31, 2017
UNION LIGHT HEAT AND POWER CO	MPANY THE	570-0260-0	028-00			152.46	
Change of address? See re-	verse side.	L YEAR 303		T			t A. Goering, Treasur card? See reverse sid
UNION LIGHT HEAT 1000 E MAIN ST PLAINELEI DI M 4616	& DOWER		2198	PC	BOX 740	COUNTY TREASU 857 1 OH 45274-0857	RER

01000152462570026000280010003032712

generated on parametersograp 4571831

#### 1/27/2017

#### Property Report

# Dusty Rhodes, Hamilton County Auditor

C 1.		2021	ty	- C %	C 14	 	
	_						

Parcel ID 444-0009-0050-00	Add	ress		Index Order Parcel Number	Tax Ye 2016 P	ayable 2017	
			Paymo	ent Information			
	ROBERT	A. GOERING, TREAS				Tax Overview	
Mail Payments to:		amilton County Treas			Tax Lien Pending	The starting	N
rian r aynicitas con		38 E. Court Street, R			Tax Lien Sold		N
		incinnati, Ohio 45202			Full Rate	24.21	0.00000
Tax District:	23	21 - MIAMI TWP-3 RI	VERS LSD		Effective Rate	14.00	0.00000
					Non Business Credit		0.00000
Current Owner(s)		DUKE ENERGY KE			Owner Occupancy Cr	edit	0.00000
Tax Bill Mail Address	3	DUKE ENERGY KEI	NTUCKY INC		Certified Delinguent		
		550 S TRYON ST P O BOX 1321 (DE	CA1B)		Delinguent Payment		N
		CHARLOTTE NC 28			TOP (Treasurer Optio		\$0.0
		1			Note: May represent		1
		Taxable Value					
Land			0				
Improvements			257,740				
Total			257,740				
			Current	t Year Tax Detail			
		Prior Delinguent	Ad		f Adj. 1st Half	2nd Half	Adj. 2nd Ha
Real Estate				\$11,109.88	3	\$11,109.88	
Credit				\$0.00	)	\$0.00	
Subtotal				\$11,109.88	3	\$11,109.88	
Non Business Credit				\$0.00		\$0.00	
Owner Occupancy C	redit			\$0.00	)	\$0.00	
Homestead				\$0.00	)	\$0.00	
Sales CR				\$0.00		\$0.00	
Subtotal		\$0.00	\$0.0	0 \$11,109.88	\$0.00	\$11,109.88	\$0.0
Interest/Penalty		\$0.00	\$0.0	\$0.00	\$0.00	\$0.00	\$0.0
Real Estate Pald		\$0.00		\$0.00		\$0.00	
Real Estate Owed		\$0.00		\$11,109.88	3	\$11,109.88	
Special Assess Paid		\$0.00		\$0.00		\$0.00	
Special Assess Owed		\$0.00		\$0.00		\$0.00	
Total Due		\$0.00		\$11,109.88	1	\$11,109.88	
Total Paid		\$0.00		\$0.00		\$0.00	
Unpaid Delq Contrac	t	\$0.00		\$0.00		\$0.00	
Total Owed		\$0.00		\$11,109.88		\$22,219.76	
	1			on for Current And F			
Date		alf Pri	ior to an	1st Half		id Half	Surplus
5/24/2016	2 - 2015		\$0.00	and the second sec	\$0,00	\$253,361.69	\$0.0
2/1/2016	1 - 2015		\$0.00	\$253,3		\$0.02	\$0.0
6/19/2015	2 - 2014		\$0.00		\$0.00	\$253,105.26	\$0.0
2/2/2015			\$0.00	\$253,1	15.76	\$0.00	\$0.0

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 3 Page 4 of 6

Butler Govern 315 His	y Nix, CPA County Treasure ment Services Cent th Street, 10th Floor in, Ohio 45011	er		Real Estate Property First Half Tax Year 2 March 9, 2017 www.butlercountytreass 513-887-3181	016
				Parcel No. E2310-007-000-0	02
				Taxing District MADISON TW	P EDGEWOOD
DUKE ENERGY KEN PROPERTY TAX DIV 550 S TRYON ST # D	ISION			Parcel Location WOODSDAL	ERD
CHARLOTTE NC 28	202-4200	իպի		Owner Name UNION LIGHT POWER CO	HEAT &
				Legal Description 4   17 W SIE	DE
Gross Tax Rate 68.060000 Reduction Factor 0.100602	von Business Credit Fac	tor 0.098039	Acres 29.03 Class		
Reduction Factor 0.100602 Effective Tax Rate 61.213054	Owner Occupancy Credi	1 Factor 0.024509	Code 8.	Land	377,010
Calculation of T	Contract.	Annual Tax	Distribution	Bidg/improv Total	0 377,010
Gross Taxes     8.980.56       Reduction Factor     -903.46       Subtotal     8.077.10       Current Net Real EstateTaxes     8.077.10       Current Special Assessments     5.669.62       Current Net Taxes & Asmts(YEAR)     13.746.72		General Fund 253,34 Developmental Disabilities 395,85 Midpointe Library Systems 98,91 Mental Health 177,65 Children Services 263,90 Senior Citizens 171,54		35% Taxable Value Land Bidg/Improv Total	131,950 0 <b>131,950</b>
Current Net Taxes & Asmis(HALF)	6.873.36	Edgewood Csd Butter Tech Jvs Madison Twp Lize Trenton I Metroparks Of Butter ( Assessments Total		16001 STORNWATER NPDES PH II 51900 MIAMI CONSERVANCY 51902 DAM SAFETY INITIATIVI Assessment Tutak	Delq. Current Y 0.00 5.655 ( 0.00 11 ( 0.00 3) 0.00 3) 0.00 5,669.6
		Stub No.	194194	Homestead Reduction in Value	CAUV Value
Full Year Total Half Year Total Payments Other Credits	13,746.72 6,873.36 0.00 0.00	To Avoid Penalty Pay On Or Before		For information on monthly pay please contact the Treasurer's C 887-3181. Please save top porti	ment plans, Office at (513)

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 3 Page 5 of 6

Butler C Governme 315 High	Nix, CPA founty Treasure ent Services Cent Street, 10th Floor Ohio 45011	er			Real Estate Property First Half Tax Year March 9, 2017 www.butlercountytreas 513-887-3181	2016
					Parcel No. E2310-008-000-0	015
					Taxing District MADISON TV	VP EDGEWOOD
DUKE ENERGY KENTU PROPERTY TAX DIVIS 550 S TRYON ST # DE	ION C41B				Parcel Location 2100 WOOD	SDALE RD
CHARLOTTE NC 2820	2-4200	mh			Owner Name UNION LIGHT POWER CO	HEAT &
					Legal Description 4 1 18 CTR	& NE COR
	n Business Credit Fac ner Occupancy Credi		Acres 192 Class Code	2210 C 830	100% Appraised Value	3,449,030
Calculation of Tay		Annual Tax	Distribution		Total	4,023,700 7,472,730
Gross Taxes Reduction Factor Subtotal Current Net Real EstateTaxes Current Special Assessments Current Net Taxes & Asmts(YEAR) Current Net Taxes & Asmts(HALF)	oss Taxes 131.824.78 Gener duction Factor -13.261.80 Devel Subtotal 118,562.98 Midgo urrent Net Real EstateTaxes 118,562.98 Menta rrent Special Assessments 160.38 Child urrent Net Taxes & Asmts(YEAR) 118,723.36 Child		eneral Fund         3.718.82           evelopmental Disabilities         5.810.68           idpointe Library Systems         1.451.92           ental Health         2.607.65           nildren Services         3.873.78           mior Citizens         2.517.97           gewood Csd         83.845.26		35% Taxable Value Land Bidg/Improv Total Special Assessments	528,590 1,408,300 1,936,890 Delq. Current
		Butler Tech Jvs Madison Twp Lite Trenton I Metroparks Of Butler Assessments Total	County 1,35	2.96 5.77 0.38	YEDI-STORKAWATTI KAPERAPH II SU900 MIAMI CONSLRYANCY SU902 DAM SANTTY INITIATIVI Assessment Totals	8.00 13 0.00 111 0.00 35 0.00 160.
		Stub No	170566		Homestead Reduction in Value	CAUV Value
Full Year Total Half Year Total Payments	118,723.36 59,361.68 0.00	To Avoid Penalty Pay On Or Before		For information on monthly pa please contact the Treasurer's 887-3181. Please save top port	syment plans, Office at (513)	

KyPSC Case No. 2017-00321 AG-DR-01-041 Attachment 3 Page 6 of 6

Butler Governn 315 High	y Nix, CPA County Treasure tent Services Cent Street, 10th Floor b, Ohio 45011	er		Real Estate Property First Half Tax Year 2 March 9, 2017 www.butlercountytreasu 513-887-3181	016	
				Parcel No. E2310-999-010-40	00	
				Taxing District MADISON TW	PEDGEWOOD	
DUKE ENERGY KEN PROPERTY TAX DIVI	Parcel Location					
CHARLOTTE NC 282		1(11)		Owner Name DUKE ENERGY INC	KENTUCKY	
			r	Legal Description FEIN# 31-04 P.U.P.P.TANG. ELECTRIC COMPANY	73080	
Reduction Eactor (10)(10)(10)	un Business Credit Fac wner Occupancy Credi	Flags		100% Appraised Value		
Calculation of T	axes	Annual Tax	Distribution	Bldg/Improv Total	94,685,800 94,685,800	
Gross Taxes Subiotal 2.255,510.46 Current Net Real EstateTaxes Current Net Taxes & Asmts(YEAR) Current Net Taxes & Asmts(HALF) 2.255,510.46 Current Net Taxe		Developmental Disa Midpointe Library S Mental Health Children Services		35% Taxable Value Land Bidg/improv Total	0 33,140,030 <b>33,140,030</b>	
		Butler Tech Jvs Madison Twp Las Treason Metroparks Of Butler Assessments	100,440,10	Special Assessments Delq. Current Y		
		Stub No.	136159	Homestead Reduction in Value	CAUV Value	
Full Year Total Half Year Total Payments Other Credits	2,255,510.46 1,127,755,23 0.00 0.00	Pay On	d Penalty Or Before	For information on monthly pay please contact the Treasurer's O 887-3181. Please save top portio income tax purposes.	ment plans, ffice at (513)	

### AG-DR-01-042

# **REQUEST:**

Refer to the Direct Testimony of Ms. Bellucci at page 5, lines 18-21. Provide the most current and the after increase property tax rates related to the anticipated tax rate increases and explain how each were determined.

#### **RESPONSE:**

The forecast for property tax expense assumed a 1% annual escalation for property tax rates. See calculation at AG-DR-01-041 Attachment 1.

PERSON RESPONSIBLE: Cooper Monroe

### AG-DR-01-043

# **REQUEST:**

Refer to the Direct Testimony of Ms. Bellucci at page 5, lines 18-21. Quantify the projected increase amounts for property tax expense associated with the "anticipated property tax rate increases" as opposed to all other causes of projected property tax expense increases.

#### **RESPONSE:**

Please see AG-DR-01-041 Attachment 1.

PERSON RESPONSIBLE: Cooper Monroe

### Duke Energy Kentucky Case No. 2017-00321 Attorney General's First Set Data Requests Date Received: October 27, 2017

### AG-DR-01-044

# **REQUEST:**

Provide the two most recent pension and OPEB actuarial reports for Duke Energy, DEO, and the Company.

### **RESPONSE:**

Please refer to the following attachments:

- AG-DR-01-044 Attachment 1.pdf
- AG-DR-01-044 Attachment 2.xlsx
- AG-DR-01-044 Attachment 3.pdf
- AG-DR-01-044 Attachment 4.xlsx

**PERSON RESPONSIBLE:** David L. Doss, Jr.

# Willis Towers Watson I.I'I'I.I

February 6, 2017

Ms. Donna Simon Manager, Benefits and Labor Accounting Duke Energy Corporation 550 South Tryon Street Charlotte, NC 28202

#### Subject: Actuarial Valuation Report for December 31, 2016 Disclosure and Fiscal 2017 Net Periodic Benefit Cost for Duke Energy Pension Plans and Retiree Welfare Plans

#### Dear Donna:

Duke Energy engaged Towers Watson Delaware Inc. (Willis Towers Watson) to value the Company's pension and other postretirement benefit plans. This report provides information for year-end financial reporting purposes required by FASB Accounting Standards Codification Topic 715-20-50 (ASC 715) for your fiscal year ending December 31, 2016 for the below listed plans.

The exhibits present year-end financial reporting information in accordance with ASC 715-20-50, including the net balance sheet position, cash flow, plan asset information, amortization amounts during the fiscal year, participant information, the provisions on which the valuation is based, and the actuarial assumptions and methods used in the calculations. Additional input is required (as described below) by the Company in relation to the asset disclosures specified in ASC 715-20-50-1(d).

In addition, this report presents the Net Periodic Benefit Cost/(Income), in accordance with ASC 715, for the fiscal year beginning January 1, 2017. Both year-end financial reporting and benefit cost results are based on a valuation of the following plans as of December 31, 2016:

#### Qualified Pension Plans

- Duke Energy Retirement Cash Balance Plan (merged with PEPP eff. 12/31/2015)
- Cinergy Corp. Union Employees' Retirement Income Plan
- Retirement Plan for Bargaining Unit Employees of Florida Progress Corporation
- Retirement Plan of Piedmont Natural Gas, Inc.

#### Non-Qualified Pension Plans

- Duke Energy Executive Cash Balance Plan
- Progress Energy Supplemental Senior Executive Retirement Plan (Inactives only)
- Florida Progress Corporation Nonqualified Retirement Plans (reflects the consolidation of the Florida Progress Supplemental Executive Retirement Plan and the Nondiscrimination Plan)
- Piedmont Natural Gas Company Nongualified Retirement Plans

#### OPEB Plans

- Duke Energy Retiree Health and Welfare Benefits (Medical and Life Insurance) for Future Retirees and Retirees in Legacy Duke Energy and Cinergy Locations
- Duke Energy Retiree Health and Welfare Benefits (Medical and Life Insurance) for Future Retirees and Retirees in Legacy Progress Energy Locations

One Alliance Center 3500 Lenox Road Suite 900 Atlanta, GA 30326

T +1 404 365 1600 F +1 404 365 1660

W willistowerswatson.com

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Ms. Donna Simon February 6, 2017

Piedmont Natural Gas Company, Inc. Postretirement Benefits Plan

As discussed above, the enclosed information was prepared in accordance with FASB ASC 715-20-50 and 715-60-50 and certain information must be provided by Duke Energy that we do not prepare or that requires your further consideration:

- Categorization of assets, actual asset allocation at the end of 2016 and 2015, and the target asset allocation for 2017.
- A description of Duke Energy's investment policy for the assets held by the pension and postretirement benefit plans.
- A description of the basis used to determine the expected long-term rate of return on plan assets.

In consultation with Duke Energy, the expected contributions to the Duke and Piedmont Natural Gas qualified pension plans were based on Duke Energy's funding policy to fund US GAAP annual service cost during fiscal 2017. The expected contributions to the Legacy Duke and Progress other postretirement benefits plans have been set to the expected benefit disbursements for unfunded plans and expected benefit disbursements net of available assets for funded plans. The expected contributions to the Piedmont Natural Gas Postretirement Benefits Plan have been set equal to the expected contributions from Mercer's October 31, 2016 valuation report dated November 18, 2016. The expected contributions for the unfunded nonqualified pension plans have been set to the expected benefit disbursements for the given year.

Note that any significant change in the amounts contributed or expected to be contributed in 2017 will require disclosure in the interim financial statements.

#### Summary of Results

#### Fiscal 2017 Net Periodic Benefit Cost

The table below provides a summary of the 2017 net periodic benefit cost for the Duke Energy benefit plans compared to fiscal 2016 and compared to the fiscal 2017 budget estimates provided in August 2016.

	2016 Net Periodic Benefit Cost	2017 Net Periodic Benefit Cost (Budget)	2017 Net Periodic Benefit Cost (Actual)
Qualified Pension Plans	\$95,047,967	\$91,423,949	\$69,262,618
Non-Qualified Pension Plans	\$23,374,098	\$21,143,375	\$20,469,687
OPEB Plans	<u>(\$101,520,708)</u>	<u>(\$69,523,710)</u>	<u>(\$75,092,771)</u>
SUBTOTAL DUKE	\$16,901,359	\$43,043,614	\$14,639,534
PNG Plans	<u>\$2,197,161<sup>1</sup></u>	\$13,182,966 <sup>2</sup>	<u>\$11,348,544</u>
SUBTOTAL (DUKE+PNG)	\$19,098,520	\$56,226,580	\$25,988,078
Curtailment/settlement <sup>3</sup>	<u>\$2,597,592</u>	(\$27,040,934)	TBD
TOTAL	\$21,696,112	\$29,185,646	TBD

<sup>&</sup>lt;sup>1</sup> For period of 11/1/2016 to 12/31/2016

<sup>3</sup> One-time settlement charge for Retirement Plan of Piedmont Natural Gas (2016) and one-time anticipated curtailment credit for change in eligibility for the Legacy Duke and Progress Medical Plans (2017); final curtailment will be determined and booked in Q4 2017, assuming the plan change is announced at that time.

<sup>&</sup>lt;sup>2</sup> Assumed to equal annualized 2016 Net Periodic Benefit Cost for period of 11/1/2016 to 12/31/2016

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Ms. Donna Simon February 6, 2017

#### **Comments on Fiscal 2017 Net Periodic Benefit Cost**

As previously reported, the total budgeted benefit cost for the legacy Duke plans (excluding Piedmont) for fiscal 2017 was projected to increase by \$26 million compared to fiscal 2016. This increase excludes the effect of an anticipated one-time 2017 curtailment credit in the event of an OPEB plan change later in the year. This increase was the net effect the following items:

- Expected change for growth of benefit accruals, interest and amortization.
- Change in the discount rate from 4.40% to 3.60%.
- Expected favorable investment performance anticipated for full year 2016.
- Pension, retiree medical and retiree life plan changes associated with USW Locals 12049 and 5541-06 moving to the enterprise platform.
- Elimination of continued final average pay accruals for Cinergy Enhanced Choice participants effective January 1, 2017.
- Cash contributions to the pension plans of \$145 million during 2016.
- Reflection of severance population who were assumed to result in immediate termination or retirement.
- Updated overtime assumption for non-exempt employees based on the recent overtime assumption study.

The actual total net periodic benefit cost for 2017 shown above for the legacy Duke plans (excluding Piedmont, and excluding the anticipated one-time curtailment that will be recorded in Q4 2017 if the OPEB plan change is announced at the end of 2017) is \$2 million less than compared to 2016 (or \$28 million lower than budget). The primary drivers behind this change compared to the budgeted costs include:

- A decrease in cost of \$36 million due to a change in the discount rate from 3.60% (budgeted) to 4.10% (actual).
- An increase in cost of \$14 million due to actual investment performance during 2016 that was less favorable than anticipated.
- A decrease in cost of \$3 million due to actual claims paid for retiree medical benefits that were lower than expected and lower than expected company reimbursement of claims from 401(h) account assets.
- A decrease in cost of \$3 million due to other sources of gain/loss.

The pre-purchase accounting amortization adjustment for the legacy Cinergy plans is \$14.8 million for fiscal 2017 and is determined based on a special schedule we prepared for this purpose dated December 16, 2015.

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Ms. Donna Simon February 6, 2017

#### Comments on Actuarial (Gains)/Losses Experienced During 2016

The following key items account for the actuarial gain/loss activity impacting funded status for US GAAP financial reporting (changes in Accumulated Other Comprehensive Income pre-tax) due to demographic experience, including key assumption changes, and investment returns different from assumed during 2016.

(Gain)/Loss Item – in \$Millions	All Pension Plans	AII OPEB
Liability Exp	erience	· · · · · · · · · · · · · · · · · · ·
Change in assumptions from December 31, 2015 to December 31, 2016:		
<ul> <li>Economic assumption changes</li> </ul>	\$252	\$18
<ul> <li>Demographic assumption changes</li> </ul>	14	(4)
<ul> <li>Updated health care cost trend rates, per capita claims costs and claim experience</li> </ul>	n/a	(5)
<ul> <li>All other plan participation experience</li> </ul>	45	24
Asset Expe	rience	
Investment performance higher than expected. The actual rate of return was a gain of approximately 7.25% for the Retirement Master Trust; while the expected rate of return was 6.50%.	(71)	(2)

#### MD&A Sensitivities

The following tables provide you with requested sensitivity information on critical accounting assumptions for the pension and other postretirement welfare plans.

Table 1: 25 basis	point changes i	in the discount r	ate and expected	return on assets:

(in \$Millions)	Pension (Qualified + N	Other Postretirement Plans		
	+0.25%	-0.25%	+0.25%	-0.25%
Effect on 2016 pre-tax net periodic cost <sup>1</sup>			<u></u>	
<ul> <li>Expected long-term rate of return</li> </ul>	(\$20)	\$20	(\$1)	<b>\$</b> 1
<ul> <li>Discount rate</li> </ul>	(\$17)	\$17	(\$1)	\$1
Effect on benefit obligation at 12/31/2016				
<ul> <li>Discount rate</li> </ul>	(\$202)	\$207	(\$17)	\$17

Table 2: 100 basis point change in health care trend rate for the postemployment welfare plans:

(in \$Millions)	Other Postretirement Plans			
	+1.00%	-1.00%		
Effect on 2016 pre-tax net periodic cost <sup>1</sup>	\$5	(\$5)		
Effect on benefit obligation at 12/31/2016	<b>\$2</b> 9	(\$25)		

<sup>&</sup>lt;sup>1</sup> Illustrated effects for the Piedmont Natural Gas pension and retiree medical plans reflect only three months of net periodic benefit cost for the period from the merger date through December 31, 2016.

# WillisTowersWatson III\*IIII

Ms. Donna Simon February 6, 2017

# **Actuarial Certification**

This valuation has been conducted in accordance with generally accepted actuarial principles and practices. However, please note the information discussed below regarding this valuation.

#### Reliances

In preparing the results presented in this report, we have relied upon information regarding plan provisions, participants, assets and sponsor accounting policies and methods provided by Duke Energy and other persons or organizations designated by Duke Energy. We have relied on all the data and information provided as being complete and accurate. We have reviewed this information for overall reasonableness and consistency, but have neither audited nor independently verified this information. Based on discussions with the plan sponsor, assumptions or estimates may have been made if data were not available. We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations. The results presented in this report are directly dependent upon the accuracy and completeness of the underlying data and information. Any material inaccuracy in the data, assets, plan provisions or other information provided to us may have produced results that are not suitable for the purposes of this report and such inaccuracies, as corrected by Duke Energy, may produce materially different results that could require that a revised report be issued.

#### Measurement of Benefit Obligations, Plan Assets and Balance Sheet Adjustments

The benefit obligations measured as of December 31, 2016 were projected forward from January 1, 2016 to the end of the year, adjusting for benefit payments, expected growth in the benefit obligations, changes in assumptions and plan provisions, and any known demographic experience that occurred during the year.

The effects of changes in plan provisions (see section below entitled "Significant Events and Plan Changes During the Year" for additional details), are measured as of December 31, 2016 and were determined on a payroll company basis.

Asset values, net investment returns, and benefits paid during 2016 used in our financial exhibits for funded plans were based on the Wells Fargo Trust reports provided on January 14, 2017 and January 17, 2017 and the Northern Trust reports provided to us by Duke Energy dated January 17, 2017. Duke Energy provided actual 2016 benefit payment information for the RCBP and CGEU pension plans, by payroll company, on January 10, 2017. Information about VEBA trust assets was furnished to us by Duke Energy on January 18, 2017. Benefit payments made from corporate assets were furnished to us by Duke Energy on January 12, 2017.

Assets, obligations, and AOCI amounts for the Piedmont Natural Gas plans are shown on the "Business Combinations and Divestitures" line of the balance sheet reconciliation sections to reflect opening balances effective as of the October 31, 2016.

Please note that for the Legacy Duke and Cinergy Retiree Medical and Legacy Cinergy Retiree Life Plans, a portion of the actual employer claims and retiree contributions provided for Duke Energy Commercial Enterprises ("DECE") were reported under Ohio. As a result, we reallocated the actual employer claims and retiree contributions provided by Duke Energy for Ohio and Duke Energy Commercial Enterprises in proportion to the expected claims to be paid for these two payroll companies.

#### Participant Data

Participant data was collected as of January 1, 2016 and provided by Duke Energy's administrator. This data was used to measure plan obligations as of January 1, 2016. Participant data for the Piedmont Natural Gas plans was collected as of January 1, 2016 and provided by the prior actuary. Data was

# WillisTowersWatson I.I"I"I.I

Ms. Donna Simon February 6, 2017

adjusted to remove participants who received a lump sum from the Piedmont Natural Gas Retirement Plan prior to October 31, 2016.

#### **Participant Transfers**

Updated payroll company codes were collected for active employees in November 2016 and reflected in the payroll-level obligations of the plans. Additionally, the company identified key groups of transferred employees for which assets (if applicable) and pro-rata unrecognized amounts should be explicitly transferred in the reporting for the pension and OPEB plans. The effect of this transaction is captured in our exhibits as "Payroll Company Transfers."

#### Allocation Methodology

We employed an allocation approach similarly used in prior years. Details regarding this approach are provided in Appendix D of this report.

#### Assumptions and Methods under U.S. GAAP

As required by U.S. GAAP, the actuarial assumptions and methods employed in the development of the pension and other postretirement benefit cost and other financial reporting results have been selected by Duke Energy. Willis Towers Watson has concurred with these assumptions and methods, with the exception of the expected return on asset assumption which was separately prepared by Duke Energy using additional sources of data outside of the scope of our review. ASC 715-30-35 requires that each significant assumption "individually represent the best estimate of a particular future event".

The changes in key assumptions since the prior fiscal year are as follows:

- The discount rate decreased from 4.40% at December 31, 2015 to 4.10% at December 31, 2016 for the Legacy Duke and Progress plans, and increased from 3.80% at October 31, 2016 to 4.10% at December 31, 2016 for the Piedmont Natural Gas plans.
- The interest rate basis for lump sum conversions was updated to reflect current market conditions.
- The mortality improvement assumption for the Piedmont Natural Gas plans was changed from the MP-2016 male and female improvement scales to the BB-2D male and female improvement scales to align with Duke Energy's expectation of future mortality improvements.
- The overtime assumption for eligible participants in the pension plan was increased to 12%, 24% and 28% of base pay for those with low, medium, and high base pay ranges, which reflects the findings of a recent experience study.
- The participation assumption for current Medicare-eligible retirees eligible for a subsidy for dental coverage was reduced from 100% to 50% to better reflect plan experience and expectations for the future.
- Per capita claims cost assumptions were updated to reflect updated enrollment experience and new plan options. Based on this analysis, per capita claims costs for Duke Energy pre-65 plan options increased by slightly less than expected.
- Actual 2017 UHC Medicare exchange premiums for post-65 plan options saw lower than expected increases in premiums for Medicare Supplement plans offset by higher than expected increases in prescription drug plan premiums. The result was that the total premium increased by slightly less than trend expectations.

# WillisTowersWatson I.I'I'I.I

Ms. Donna Simon February 6, 2017

The results shown in this report have been developed based on actuanal assumptions that, to the extent evaluated by Willis Towers Watson, we consider to be reasonable. Other actuarial assumptions could also be considered to be reasonable. Thus, reasonable results differing from those presented in this report could have been developed by selecting different reasonable assumptions.

Please refer to Appendix A for a complete description of the assumptions and methods used in the determination of plan obligations and costs. In addition, we have included an Appendix E to this report which outlines the rationale behind these assumptions in accordance with our understanding of Actuarial Standards of Practice Nos. 4, 6, 27 and 35. These assumptions are based in part on Willis Towers Watson's recommendation and/or analysis. All assumptions were selected based on information known at the measurement date and on the premises that the plan will continue and that no events will occur in 2017 that would cause a remeasurement that may cause Duke Energy to select different assumptions.

#### Significant Events and Plan Changes During the Year

Details of the provisions for each pension and postretirement welfare plan can be found in the appendices to the report. The following represent significant events and/or plan changes during the year that we reflected in our measurement of the year-end obligations:

- Pension Plans:
  - For USW Local 5541-06 and USW Local 12049 participants in the CGEU pension plan, continued cash balance pay credits are eliminated during periods of disablement. This change only applies to future disabled participants starting July 1, 2017.
  - For USW Local 5541-06 and USW Local 12049 participants in the CGEU pension plan, pay credits accrued on or after January 1, 2017 will be subject to an annualized fixed interest crediting rate of 4.00%.
  - For USW Local 5541-06 and USW Local 12049 participants in the CGEU pension plan, participation in the plan is closed to new entrants beginning January 1, 2017.
  - The RCBP plan provided a temporary Lump Sum Window offering in the Fall of 2016. As part of this offering, certain former employees could voluntarily elect to receive their pension benefit in the form of a lump sum payment. Lump sum payments were paid in December 2016.
  - Effective January 1, 2017, non-union Traditional Choice participants in the RCBP plan had their final average pay frozen as of December 31, 2016.
  - Lump sums paid from the Piedmont Natural Gas Retirement plan during November and December 2016 exceeded the sum of the plan's service cost plus interest cost for the two month reporting period of November 1, 2016 through December 31, 2016, therefore triggering settlement accounting in that plan. The impact of this was a one-time credit/income to fourth quarter 2016 cost of approximately (\$2.5 million).
- Retiree Welfare Plans:
  - USW Local 5541-06 and USW Local 12049 participants who are subsidy-eligible and retire after November 1, 2016 will be transitioned to the Class D7/D8 Subsidy HRA plan for pre-65 retiree medical benefits and Post-65 subsidy amounts will be eliminated.
  - USW Local 5541-06 and USW Local 12049 participants who are currently eligible through the Cinergy HRA plan had a choice of the Subsidy HRA benefit under Class D7/D8 or their Cinergy HRA balance under Class D9 frozen as of October 31, 2016 with interest given until retirement.

Notwithstanding than the above, we are not aware of any other significant events that would warrant special accounting (i.e. curtailment accounting or special termination accounting) or plan changes during 2016.

# WillisTowers Watson 1.1"1"1.1

Ms. Donna Simon February 6, 2017

#### Limitations and Nature of Actuarial Calculations

This valuation has been conducted for the purposes described above and may not be suitable for any other purpose. In particular, please note the following:

- This report is not intended to constitute a certification of the Adjusted Funding Target Attainment Percentage (AFTAP) under IRC §436 for any plan year
- This report does not determine funding requirements under IRC §430.
- This report does not provide information for plan reporting under ASC 960.
- This report does not determine liabilities on a plan termination basis, for which a separate extensive analysis would be required. No funded status measure included in this report is intended to assess, and none may be appropriate for assessing, the sufficiency of plan assets to cover the estimated cost of settling benefit obligations, as all such measures differ in some way from plan termination obligations. In addition, funded status measures shown in this report do not reflect the current costs of settling obligations by offering immediate lump sum payments to participants and/or purchasing annuity contracts for the remaining participants (e.g., insurer profit, insurer pricing of contingent benefits and/or provision for anti-selection in the choice of a lump sum vs. an annuity).
- The comparisons of accounting obligations to assets presented in this report cannot be relied upon to determine the need for nor the amount of required future plan contributions, nor the tax deductibility of such contributions. Nevertheless, such comparisons may be useful to assess the need for future contributions because they reflect current interest rates at the measurement date in determining benefit obligations. However, asset gains and losses, demographic experience different from assumed, changes in interest rates, future benefit accruals, if any, and other factors will all affect the need for and amount of future contributions. In addition, if a plan is not required by law to be funded, benefit payments may also be paid directly as they come due.

The results shown in this report are estimates based on data that may be imperfect and on assumptions about future events that cannot be predicted with any certainty. Reasonable efforts were made in preparing this valuation to confirm that items that are significant in the context of the actuarial liabilities or costs are treated appropriately, and are not excluded or included inappropriately. Any rounding (or lack thereof) used for displaying numbers in this report is not intended to imply a degree of precision, which is not a characteristic of actuarial calculations.

If overall future plan experience produces higher benefit payments or lower investment returns than assumed, the relative level of plan costs reported in this valuation will likely increase in future valuations (and vice versa). Future actuarial measurements may differ significantly from the current measurements presented in this report due to many factors, including: plan experience differing from that anticipated by the economic or demographic assumptions, changes in economic or demographic assumptions, increases or decreases expected as part of the natural operation of the methodology used for the measurements (such as the end of an amortization period), and changes in plan provisions or applicable law. Due to the limited scope of our assignment, we did not perform an analysis of the potential range of such future measurements. Retiree group benefits models necessarily rely on the use of approximations and estimates, and are sensitive to changes in these approximations and estimates. Small variations in these approximations and estimates.

# WillisTowersWatson III'I'III

Ms. Donna Simon February 6, 2017

#### Limitations on Use

The information contained in this report was prepared for the internal use of Duke Energy and its auditors in connection with our actuarial valuation of the pension and postretirement welfare plans as described above. It is not intended for and may not be used for other purposes, and we accept no responsibility or liability in this regard. Duke Energy may distribute this actuarial valuation report to the appropriate authorities who have the legal right to require Duke Energy to provide them this report, in which case Duke Energy will use best efforts to notify Willis Towers Watson in advance of this distribution. Further distribution to, or use by, other parties of all or part of this report is expressly prohibited without Willis Towers Watson's prior written consent. Willis Towers Watson accepts no responsibility for any consequences arising from any other party relying on this report or any advice relating to its contents.

#### **Professional Qualifications**

The undersigned consulting actuaries are members of the Society of Actuaries and meet the "Qualification Standard for Actuaries Issuing Statements of Actuarial Opinion in the United States" relating to pension and other postretirement benefit plans. Our objectivity is not impaired by any relationship between Duke Energy and our employer, Towers Watson Delaware Inc.

The Pricing Specialist below is responsible for developing and/or determining the reasonableness of retiree welfare plan trend and participation assumptions as well as assumed per capita claims costs (including the aging/morbidity assumption if applicable). The Valuation Actuary is responsible for other aspects of the valuation (e.g., developing and/or reviewing the reasonableness of other valuation assumptions and methods, ensuring that the valuation model reasonably reflects the substantive plan and actual plan operation, preparing demographic data, performing the valuation, implementing the correct accounting or funding calculations, etc.)

#### KyPSC Case No. 2017-00321 AG-DR-01-044 Attachment 1 Page 10 of 10

# Willis Towers Watson I.I'I'I.I

Ms. Donna Simon February 6, 2017

We will be pleased to discuss our findings at your convenience. Please do not hesitate to contact us if you have any questions.

Sincerely,

The

Michael Thomas, FSA, EA, CFA Senior Consulting Actuary Valuation Actuary For pension and post-retirement benefit plans

Monica Martin, FSA, EA Senior Consulting Actuary Valuation Actuary For pension plans

Jamie Joch

Laurie Koch, FSA, EA Senior Consulting Actuary Valuation Actuary For pension plans

Mark Alhanti, FSA, MAAA Senior Consulting Actuary Pricing Specialist For post-retirement benefit plans

n Bloodell

Lori Blasdell, FSA, EA, CFA Senior Consulting Actuary Valuation Actuary For post-retirement benefit plans

cc: David Dye – Duke Energy Allen Carrick – Duke Energy Mike Archer, FSA – Willis Towers Watson

# KyPSC Case No. 2017-00321 AG-DR-01-044 Attachment 2 Fage 1 of 40

#### Section 1: Year End 2016 Footnote Disclosures Duke Energy - All Legacy Plans Combined

	Qualified	Nonqualified		Postretirement		
	Pension	Pension	Medical*	Life	Total	Grand Total
Change in Benefit Obligation						
Benefit Obligation, Beginning of Year	7,727,441,845	341,009,187	596,685,388	230,856,507	827,541,895	8,895,992,927
Business Combinations and Divestitures	351,740,623	4,596,230	39,260,820	0	39,260,820	395,597,673
Plan-to-Plan Transfers	0	0	0	0	0	0
Payroll Company Transfers	0	0	0	0	0	0
Service Cost	147,436,705 334,840,369	2,206,112	3,350,102	0	3,350,102	152,992,918
Interest Cost Gross Benefits Paid	(679,471,985)	14,524,154 (32,471,593)	25,302,411 (76,008,865)	9,838,519	35,140,930	384,505,453
less; federal subsidy on benefits paid	(013,411,383)	(32,471,593)	383,579	(11,799,875)	(87,808,740) 383,579	(799,752,318) 383,579
Plan Participants' Contributions	ő	ő	19,117,153	34,000	19.151.153	19,151,153
Actuarial Loss/(Gain)	306,503,331	4,400,638	28,169,196	4,593,752	32,762,947	343,656,917
ERRP Receipts (applied against Claims Paid)	0	0	0	4,000,702	02,102,047	040,000,017
Plan Amendments	(51,521,195)	(2,307,035)	(1,533,403)	ō	(1,533,403)	(55,361,633)
Impact of Settlements and Curtailments	(6,091,021)	0	0	0	0	(6,091,021)
Benefit Obligation, End of Year	8,130,878,672	331,957,693	634,726,380	233,522,903	868,249,283	9,331,085,648
Accumulated Benefit Obligation, End of Year	8,005,997,859	331,957,693	0	0	0	8,337,955,553
Weighted Average Assumptions						
Used in Determining Benefit Obligations						
Discount Rate	4.10%	4.10%	4.10%	4.10%	4.10%	4.10%
Interest Crediting Rate	4.25%/4.00%	4.25%/4.00%	N/A	N/A	N/A	4.25%/4.00%
Rate of Compensation Increase	Varies	Varies	N/A	N/A	N/A	Varies
Health Care Cost Trend Rate						
Initial rate	N/A	N/A	7.00%	N/A	7.00%	7.00%
Ultimate rate	N/A	N/A	4,75%	N/A	4.75%	4.75%
Years to ultimate	NVA	N/A	6	N/A	6	6
Measurement Date(s)	12/31/2016	12/31/2016	12/31/2016	12/31/2016	12/31/2016	12/31/2016
Effect of one-percentage-point change in assumed health care cost trend rate on postretirement benefit obligation						
Increase	N/A	N/A	28,750,769	N/A	28,750,769	28,750,769
Decrease	N/A	N/A	(25,299,079)	N/A	(25,299,079)	(25,299,079)
Change in Plan Assets						
Market Value of Assets, Beginning of Year	8,136,426,139	0	166.350.481	41,188,790	207,539,271	8.343.965.410
Business Combinations and Divestitures	342,907,583	ő	28,785,215	41,100,790	28,785,215	371,692,798
Plan-to-Plan Transfers	0	ŏ	20,103,215	ŏ	20,705,215	0
Payroll Company Transfers	ō	ŏ	ŏ	ő	ő	0
Actual Return on Assets (Net of Expenses)	582,187,310	ō	12,636,787	1,586,100	14,222,887	596,410,197
Plan Participants' Contributions	0	ō	19,117,153	34,000	19,151,153	19,151,153
Employer Contributions	155,000,000	32,471,593	56,066,802	5,922,000	61,988,802	249,460,395
Benefits Paid	(679,471,985)	(32,471,593)	(76,008,865)	(11,799,875)	(87,808,740)	(799,752,318)
Impact of Settlements and Curtailments	(6,091,021)	0	0	0	0	(6,091,021)
Market Value of Assets, End of Year	8,530,958,026	0	206,947,574	36,931,015	243,878,589	8,774,836,615
Funded Status, End of Year	400,079,354	(331,957,693)	(427,778,806)	(196,591,888)	(624,370,694)	(556,249,033)
Amounts Recognized in the Statement of Financial						
Position Noncurrent Assets	647 669 499	0	0	0	_	547 000 4nn
Current Liabilities	517,660,109 0	(28,404,562)	(29,448,858)	(8,417,059)	0 (37,865,917)	517,660,109 (66,270,479)
Noncurrent Liabilities	(117,580,755)	(303,553,131)	(398,329,948)	(188,174,829)	(586,504,777)	(1,007,638,663)
Net Benefit Asset/(Liability) at End of Year	400,079,354	(331,957,693)	(427,778,806)	(196,591,888)	(624,370,694)	(556,249,033)
net benefit i bebelensking at bio of tobi	-100,010,007	(001,001,000)	(421,110,000)	(100,001,000)	(024,010,004)	(000,240,000)
Amounts Recognized in Accumulated Other	•					
Comprehensive income						
Net Transition Obligation/(Asset)	0	ō	0	0	0	0
Prior Service Cost/(Credit)	(150,841,122)	(8,987,642)	(160,009,749)	(62,899,123)	(222,908,872)	(382,737,636)
Net Actuarial Loss/(Gain)	2,366,854,949	90,828,856	1,711,246	87,333,688	89,044,934	2,546,728,739
Totaf	2,216,013,827	81,641,214	(158,298,503)	24,434,565	(133,863,938)	2,163,991,103
EXPECTED CASH FLOWS Expected Employer Benefit Payments (Net of Part D Subsidy)						
2017	584,885,258	28,981,008	70,269,116	14,748,140	85,017,256	698,883,521
2018	595,042,986	24,862,866	66,640,000	14,815,647	81,455,648	701,361,499
2019	612,874,257	24,602,402	62,879,864	14,861,303	77,741,167	715,217,827
2020	632,122,454	23,822,325	59,793,069	14,871,007	74,664,076	730,608,855
2021	637,108,450	23,991,193	57,147,363	14,864,527	72,011,890	733,111,533
2022-2026	3,099,167,833	111,219,859	235,918,210	73,778,129	309,696,339	3,520,084,031
Expected Company Contributions	160,000,000	28,981,008	32,282,495	8,587,876	40,870,371	229,851,378
Section 1: Year End 2016 Footnote Disclosures Duke Energy - All Legacy Plans Combined

	Qualifled	Nongualified	F	ostretirement		
	Pension	Pension	Medica]*	Life	Total	Grand Total
						·
Expected Subsidies from Medicare Part D 2017	N/A	N/A	N/A	N/A	<b>b</b> 1/a	<b>N</b> //A
2018	N/A N/A	N/A	N/A	N/A	N/A N/A	N/A N/A
2019	N/A	N/A	N/A	N/A	N/A	N/A
2020	N/A	N/A	N/A	N/A	N/A	N/A
2021	N/A	N/A	N/A	N/A	N/A	N/A
2022-2026	N/A	N/A	N/A	N/A	N/A	N/A
Components of Net Periodic Benefit Cost						
Service Cost	147,436,705	2,206,112	3,350,102	0	3,350,102	152.992.918
Expected Administrative Expenses	8,103,456		0	0	0	8,103,456
Interest Cost	334,840,369	14,524,154	25,302,411	9,838,519	35,140,930	384,505,453
Expected Return on Plan Assets	(518,984,774)	0	(10,373,185)	(2,022,245)	(12,395,430)	(531,380,204)
Amortization of Net Transition Obligation/(Asset)	0	0	0	0	0	0
Amortization of Prior Service Cosl/(Credit)	(16,705,840)	(1,089,921)	(135,945,480)	(5,667,186)	(141,612,666)	(159,408,227)
Amortization of Net Actuarial Loss/(Gain)	134,242,815	7,776,393	1,725,596	4,344,370	6,069,966	148,089,174
Settlement and Special Termination Benefit Charge/(Credit) Net Periodic Benefit Cost	2,597,592	23,416,738	(115,940,557)	6,493,458	0	2,597,592
Net Periodic Benefit Cast	91,530,523	23,410,730	(115,940,557)	0,493,456	(109,447,099)	5,500,162
Other Changes in Plan Assets and Benefit Obligation						
Recognized in Other Comprehensive Income						
Business Combinations/Divestitures - Net Actuarial						
Loss/(Gain)	153,054,751	1,526,461	9.099.918	0	9,099,918	163,681,130
Cost/(Credit)	(10,650,369)	0	(1,545,781)	0	(1,545,781)	(12,196,150)
Settlement Adjustments Net Actuarial Loss/(Gain)	(2,597,592) 235,197,339	4,400,638	25,905,594	5,029,897	30,935,491	(2,597,592) 270,533,468
Amortization of Net Actuarial (Loss)/Gain	(134,242,815)	(7,776,393)	(1,725,596)	(4,344,370)	(6,069,966)	(148,089,174)
Prior Service Cosl/(Credit)	(51,521,195)	(2,307,035)	(1,533,403)	(-,,010)	(1,533,403)	(55,361,633)
Amortization of Prior Service (Cost)/Credit	16,705,640	1,089,921	135,945,480	5,667,186	141,612,666	159,408,227
Amortization of Net Transition (Obligation)/Asset	0	0	0	0	0	0
Total Recognized in Other Comprehensive Income	205,945,758	(3,066,408)	166,146,212	6,352,713	172,498,925	375,378,275
Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Income	297,476,282	20,350,330	50,205,655	12,846,171	63,051,826	380,878,437
Comprenensive income	231,410,202	20,000,000	30,200,000	12,040,111	05,051,620	000,010,401
Estimate of Amounts that will be Amortized Out of						
Accumulated Other Comprehensive Income Into Net						
Periodic Benefit Cost in 2017						
Net Transition Obligation/(Asset)	0	0	0	0	0	٥
Prior Service Cosl/(Credit)	(24,142,316)	(1.826,904)	(109,455,472)	(5,667,186)	(115,122,658)	(141,091,878)
Net Actuarial Loss/(Gain)	147,489,697	7,420,348	5,452,836	4.536.216	9,989,052	164,899,098
Total	123,347,381	5,593,444	(104,002,636)	(1,130,970)	(105,133,606)	23,807,220
Weighted Average Assumptions						
Used in Determining Cost						
Discount Rate	4.40%/3.80%	4.40%/3.80%	4.40%/3.80%	4.40%/3.80%	4.40%/3.80%	4.40%/3.80%
Interest Crediting Rate	4.25%/4.00%	4.25%/4.00%	N/A	N/A	N/A	4.25%/4.00%
Expected Return on Plan Assets (EROA Adjusted for UBIT)	6.50%/6.75%	N/A	6.50%/6.75%	5.00%	6.50%/6.75%	6.50%/6.75%
Rate of Future Compensation Increases	Varies	Varies	0.50%/6.75% N/A	5.00% N/A	0.3076/0.75% N/A	Varies
Medical Trend Rate	• dhoa	· Inco	, art		1023	vanes.
loitial rate	N/A	N/A	7,50%	N/A	7.50%	7.50%
Ultimate rate	N/A	N/A	4.75%	N/A	4.75%	4.75%
Years to ultimate	N/A	N/A	7	N/A	7	7
Measurement Date(s)	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015
Effect of one-percentage-point change in assumed health						
care cost trend rate on aggregate service and interest cost — Increase	N/A	N/A	1,305,914	N/A	1,305,914	1,305,914
- Decrease	N/A	N/A	(1,148,969)	N/A	(1,148,969)	(1,148,969)
	1.62		(.,.,=,===)	• • • •	(1,1,0,000)	(1,110,000)

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\* All results for the Piedmont Natural Gas Postretirement Benefits Plan have been included in the Medical column.

Payroll Company	Dute Energy Carolinas	Duke Energy Business Services	Commercial Commercial Enterprisers, Inc.	Duke Evergy Ohlo	Duka Energy Indiana	Duka Energy Kentuchy eve	Dute Energy International	Duke Erergy Discontinued Oper.	Oute Energy Prograss	Cuite Energy Florida and	Florida Prograss Corp	Prograss Fuels Corporation	Pledmont Malural Gas Company	All Plans Total
Chunge in Benefit Obligation	đ	211		1	No.	<u>8</u>	21			2			ł	
Beneft Obigatur, Begeräng of Year	727,236,269,1	1,850 (361 118	156,704,030	352,001,251	118,117,843	100.628.713	CR/6655	185 000 281	1.142,255,004	1,276,457,709	15.191.551	15, 901, 630	0	21111411112
o users a comparative ou processor of the processor of th	••	, -	••	••		• •	. a		9 9					
Payrol Company Transfers	14,234,198 14,114,198	(B) (B0.299)	0	(1,425,72) 2 579 6 6 7	0	2001/124	•	•	(1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	54(171) 644 002 00			0	0
Jahreed Cost Jakeed Cost	85,771,505	11/102	6.175,772	200102077	161,868,72	903/2901	242.670	6,773,009	895726.6V	55,454,087	512.968	<b>196</b> (19	2.102.274	304,540,360
Gross Brinelis Paid	(234,283,165)	(131,452,653)	(*22'909 Cil	(27,181,72)	(54) JBC (45)	(202'5#C'8)	(E10 5mg)	(515 XET 61)	(106,756,075) A	(100)252,96)	(2,3%) 14m	0 (+69330C'1)	(237,467)	(679,471,965) 0
Price Participants (Comparison) Actional Less(Com)	46,170,614	897,120,96		5,828,146	40,42341561	6,203.176	323,805	2,885,762	51,650,535 31,650,535	SEL HEN ST	101-003	1,1000,1	(4 626.073)	100,000
must administrate and Carladments	- 0			0		0	, -  -						(6001003)	6.091 021
Brmels Obigation. End of Year	1,552,169,414	500 C// 000 L	150,078,271	206'000'INC	657,655.387	100,000 640	200/54615	150.952.910	000 (65 /15 / S	1.322,422,339	191,953,91	120,000,01	344,292,855	8,130,578,572
Accumulated Renefit Obligation, End of Year	1,952,125,486	1 863,649,546	110,078,276	334,002,619	548,802,168	102.223.365	5,545,006	150.552.510	103,025,721,1	1,209,444,353	14.214.701	11 000 11	289,476,091	6,005,997,059
Meighted Average Asturgebons (test in December Reset Calations														
Descurt Rate	4,10%	4,10%	101	4 10%	NOI P	104	4.10%	A 10%	4.10%	NOT 1	1014	NOL 4	1014	101 1
Pate of Competition Poteste	E-MARY	Varies	Variation	Vance	Vanes	Values	Variation	Varias	1	Varies	Variation	Values	Varies	Varies
Measurement, Date(s)	310/16/21	12/17/16/16	12/21/2016	12/11/2016	1201/2015	12/11/2016	12/2/12/016	12/3 1/2016	12010201021	91021621	12/31/2016	12/31/2016	12/31/2016	12/31/2015
Churge in Plun Assets Market Value of Accets. Begroung of Yew	2243575,107	312,116,007,1	16,654,91	206,205,555	\$12120 559	62020162	CHELTO 1,5	178,119,215	1,263,062,101	BE IST LET	18, 1500 Aut	EN2,2H3 BH	a	8,136,426,139
Business Companions and Divestitures Plan-to-Plan Transfer		••	0 <b>e</b>	0 0				a •	• •	••	• •		342.907,565	342,907,545
Payrol Company Transfers Action Deliver on Access (Reserves)	10 200 PCZ P1	(8, 153 300) 174 474 340	0 1000	(5.485,772) 23.901 (244	0 48.914.041	2,003,134 6,777 %6	0 540.742	0 872-000 C1	(265%2/2) 575%2021	247,273 342,742 345	0	0	0 A16 160	0 000 200 200
Plan Participanty Correction of the	0	0		0		0	•	9	0		•	0		D
Employer Contributions Records, Part	42, 144, 328 (2ma 200, 105)	40,553,519	2,888,682	3,056,542 627 184 779	9.271.841 PS4 700.049	1,445,420 (10,545,93)	212,012 (BABE 0133	578,278 (216,367,211)	242/02/02/02/02/02/02/02/02/02/02/02/02/02	13, 659, 289 154, 253, 0071	18.510	16.440 r1 205.6040	10,000,000 JAN7 4673	155,000,000 6579,4271 9651
In used of Sentements and Curtaiments		9	•	6	â	0		0			P	1	16 CO 1 02 II	160910211
Market Value of Assets. End of Year	2.225,590,335	1,829,707 122	190,333,119	100 505 001	656,677,629	96.251,738	8,140,635	169,464,152	1,289,222,132	1,351,017,200	17,053,545	16,456,903	3467.057.242	0.530,958,026
Funded Status, End of Year	100,029-012	(D-5'946'01)	40, 253,648	(10.797,856)	1542 410	(7.015.152)	2,585,599	8511,242	102.003.151	28 594 962	3.121,679	(002) 203	2,502,333	400,079 154
Arrounts Recognized in the Statemant of Financial Position														
Noncorrent Assets Ourseal / issues	272,247,225 0	(42,311,860) 0	24*100/20 0	4,572,578 0	72.945	1,215,645	2,555,369	000,030,07	101,001,001 0	90,756,767 0	3,122,679 0	(502,638) 0	2502350	517,650,109 0
Noncontent Labities Met Reput Structurer) at End of Year	242 281 272 829,272	28,654,552 (70 976,542)	1252.01	10.797.034	(011.179)	(18/062 6) (18/2 13/07)	2.505.579	(4.517.058)	101,013,101	(61 761 900) 28,894,862	2,122,679	(802.036)	0000000	117,590,755 400,019,254
			-											
Amounts has agained in Accumulated under Comparimentation become	c	c	5	6	c	c	e	c	6		e	G	c	a
Prot Server Cost(C) rdt)	(44,925,848)	(Brg 1951 H)	(9,166,750)	(20/619/2)	(17, 587, 146)	(191, 302)	CACL 182	224,675	(\$174.005) 797 THO 010	[5,044,248]		0	(10.284,107)	(130,641,122)
	476.290 509	165.552 184	085'22'14	50 400.215	122 844 855	24,082,122	SHELLE	57,291,948	128.615,784	4 260 000 200	2861,582	2.120.12	216270 SM 1	2,216,013,013
EXPECTED CALLY FLOWS														
Espected Employer Bunefit Payments (Net of Part D Subsidy)		100 Ptc 200		and the second	11 610 640			100	10.54 40	22 100 12	arr bog	102,000		- 10 A
	22.82.111	112,212,021	11.556,016	507625.92	10019818	6775801	115(C)	9.678.176	82,615,710	242 (page 4)	196 (60)	245 006	24,847,641	295,047,246
2021 2021	502'031'191	148,315,015	10.521.672	26,012,510	45.044.228 41,1651,1623	OCT / 200 Y		11,000,000	101,256,061	105209100 969-100100	SUL 105	1,50,052,1	20,645,194	601,108,450
9712-7716	784/1000 <sup>-1000</sup>	NC110'02/	100 000 61	BER HEC'L'LL	596,007,812	111 TO 10		210 00 100		771 COT 1014	107mb*	STC BON C	170 000 011	101 March
Expected Company Contributions	44,853.757	44,486,039	121121	2,1000,912	\$ \$35,513	MC'520'1	236.015	576,422	25.011.288	20,008,148	15,390	92,462	11,000,000	160,000,006

### NJPEC Concise, Jan 200126 AG INS of the Automotion 2 Page 2 of th

Section 1: Year End 2016 Footnate Disclorates Duke Energy - All Legary Qualified Plans

	th Pitedmont Habrial Gat All Piters Tolat All Piters Tolat		0         (382,582)         (16,102,640)           0         (382,582)         (322,592)           1         321,592         (322,592)           1         321,592         (322,592)           1         321,592         (322,592)	157,240 (151 167,240) (151 10 172,240 (151 167,240) (151 10 170,040 101 160,040 101 10	0 365,207 10,000 10	141,088,952	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NO         NO<	
	Prograt Fuels Corporation	0 17,561 51 17,561 56 672,563 56 17,110 180	20505 20505		22 22 22 22 22 22 22 22 22 22 22 22 22		29 FL	05 4.40% 25% 4.25% 4.40% 25% 6.50% 26% 1.25%2016	
	Florida Progress Corp	0 17,361 1872,565 11,1148,1005	80 000 000 000 000 000 000 000 000 000				0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 40% 4 40% 8 4.25%4 40% 8 5.5% 1.5%12015	
	s Duke Energy Florida 1	2 18,790,459 18,790,459 1,273,982 85,455,087 10,596,3-49	28.521.120,019 28.521.157 29.191,122	(627.785) (715.181)	2 <u>6</u> - 1		0 61 (11.160,340,200 52 544,200 77 215,344	4.40% 4.40% 8.42% 8.50% 8.50% 1.50% 1.20% 1.20%	
	ergy Iper. Duka Energy Progress <u>DEC</u>	0 23.640,642 94 1,274,991 39 40,227,548 14) (h2,193,268	0 (1,940,829) 31 (1,940,829) 22,534 (161 0 (1,138,045	(HOS'EDC')) (HOS'EDC')		,	1) 252.54 23 255 05 21,358 00	05. 4.40% 0.1% 4.25% 05% 0.1% 5.5% 1.2%(2015) 1.5% 1.2%(2015) 1.5%	
	Dute En Discontinued C	0 267.287 10.101 267.294 20.101 267.101 20.101 267.101 20.101 267.101 20.101 267.101 20.101 267.101 20.101 267.101 20.101 267.101 20.101 267.201 20.101 267.201 20.	(48.047) 12.770 12.770 12.770 12.149.02 149.140 149.140	00	24,074 990,104 (12,770) (1,749,920) 43,022 (187,201)		0 (49.082) <u>78.328</u> (22.174) (22.174) (22.174) (22.174)	40% 40% 4,2% 20% 4,2% 40% 40% 40% 40% 40% 40% 40% 40% 40% 40	
	Doctor Envergy International 206 Edge	1,459,473 275 91,212 247 4,567,626 247, [6,150,170] [516	4 123 143 143 143 143 143 143 143 143 143 14	331,567 266,1581			(61500) (61500) 1.407.900 1.345.707 1.345.707 (22)	405 4	
	addama Duke Evengy Keetherby 233	8.648.310 1.45 8.50.947 9 27.558.491 4.35 (41.572,313] (5.15	(459.694) 6.848.023 6.848.023 2.012.754 2.012.754 84	6 9 2			0 (1,986.649) 6. <u>3877.059</u> 6.280.244 1.34	4 40% 6 25% 6 20% 7 20% 7 20% 1 20102015	
	Emroy ONa Duke Emroy Indans 201	2 529 565 816 322 582 816 14 963 982 27,6 [21,223 868] (41,5	140,066 44 1225,844 6-8 0 (12,797)	(172,748) 274 035			(171,945) <u>3,2%5,946</u> ) 3,2%5,946 3,383,441	4 40% 4 20% 4 50% 7 201/0015	
	Duke Energy Commercial Enterprises, Inc. Duke Ener 201	_	L 112 111	0 0	ĺ	_	1 121.479 2.000.50 2.100.50 3.100.500.50 3.1000.50 3.1000.50 3.100.50 3.100.500 3.1000.500000	4 40% 4 25% 4 25 26% 25% 26% 25% 26% 25% 25% 25% 25% 25% 25% 25% 25% 25% 25%	
	Duite Einergy Burbress Coo Services Enterpo 110	40,574,059 1,776,449 79,471,454 79,471,454 111	1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1	(155,167) 160 697		-	0 (163,777,85 19,9,57,85,25,25,25,25,25,25,25,25,25,25,25,25,25	4 40% 4 25% 4 2 2 20 20% 4 20 2 20 2 20 2 20 2 20 2 20 2 20 2 20	
	Duke Everzy Garolinas 2004 Everzy Garolinas	47 559, 447 2 229, 448 6 5 2771 505 1 1 41, 602 503)	(66): 169.169 (66): 169.26 23): 169.25 25): 169.26 18.05.26 19.05.	5,592,811 6724.0411	1/740433 0 0 0 26.614.297 (22.856.893) 7 537.459 7 537.459 7 537.459	212.7251.52	0 (8 (201797) 80 699 629 22 825 228	SHOZHOZH NOC B NOC B NOC B NOC B NOC B NOC B	
Section 1: Year End 2016 Prodrote Discionarea Vear End 2016 Prodrote Discionarea Duke Energy - All Legary Qualified Phant	Fayroll Campany	Components of her Periodic Bunelik Cast Berrian Charmal rabo El penes El perces Administration El penes El penes El penes (Fiburio 1) Pan Austis	Amontanon of key Transco Observational Amontanon of Key Transco Observational Amontanon of Key Schwarz Cosal(Crash) Amontanon of Key Schwarz LasaNchan) Settement and Sayawal Terminoton Brank Ownpar(Ondel) Nel Perodo Element Cosa	Cher Changes in Part Assets and Benefit Oligation Recognized in Cher Computation income Barreau Commissioner (Stores - Mr Actual Condition) Reviewed Commentorer (News Yorks - Proc. Science Charl	to arrest Angelance (resulting a first and a construction) Arrest Angelances Instantional Machine (Insultantion) Processors of Machine (Insultantion) Processors of Machine (Insultantion) Processors of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angelance of the Construction (Processor Arrest Angelance of the Construction) Arrest Angel	roue recooplaced it uses sumplimentance means Total Recoopland in Met Periodic Behreft Cast and Other Comparise theorative income	Estimate of Announce I that will be Annothed Out of Acceptanties of Announce I that will be Annothed Out of Acceptanties of Out Comprehension for Announce Inter Company (and New Yorkson Landy Company Her Anamal Landy Comp	Neighted Autoper Assumptions Look of Defensioners Cara Discont Parker Reneal Charlon on Plan. Auto- Rane of Karan Caralya Autoriment Daniel	

Section 1: Year End 2016 Footbole Disclosures Duke Energy - All Leyary Nonqualified Plans

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Corpor Duke Energy Florida 1973	1	45,018,394 0	-	1,954,856 1,954,856	0	1,8,11,6,1 0	46,484,842	46,494,842	410 849 848 848 845	000		130/1000	(46.434.842)	0 (5,1,245,12) (61,242,249 (243,149),265	0 (12.346.344 (2.346.344 (2.346.344)	200.0155 200.0155 202.255 202.025 202.025 202.025 202.021 112,789,21	3.10.842
Duke Energy Progress BDI	1	33,114,436		1,409,155	C	1,407,532	33,479,64	33.479,429	4 10% NVA NVA			2.648.619 (2.648.619) 0	(33.479,479	0 [7,569.940] [34,299.429] [33,429]	0 (129:445) 533:8523 527:9523	2,00,000 2,096,00 200,000 2,000 2,000 2,000 2,000 2,000 0,000 2,000 0,0000 0,0000 0,0000 0,000000	2,622,035
Duka Energy Discontinued Oper. 1 Disc		17,402,471		20205		235,502 0	10.114,794	16.114,794	4 10% N/A N/A N/A			2,300,745 104,700 104,700 104,700	(161,511,21)	0 (11, 276, 000) (14, 736, 734) (14, 736, 734)	0 (961,98) - <u>5665 1441</u> - <u>3016 840</u> 5	1,405,965 1,513,214 1,241,675 1,241,675 1,421,675 1,422,657,669	585 <sup>-</sup> 509° 1
Dute Energy International	1	504.937 0		21,408		49,775 0	521,274	PL2125	4 10% MA MA 12312316	609		150.67 - 1150.87	521.224	0 (940 E11) (942,153)	0 (627 ET) (102 2021	046, 311 960, 31 200, 10 10 10 10 10 10 14 14 14 14 14 14 14 14 14 14 14 14 14	115 340
Duka Energy Kentuchy SNK	1	140,734		293	6	4,310	140,435	140 415	NOL A NUL NUL NUL	000		10.571 (10.571) 0	(140,435)	0 6 1000 1000 1000 1000 1000 1000 1000	21 21 21 2000 21 2000	800 800 800 800 800 800 800 800 800 800	10.564 1
Ditte Energy Industa \$20		4,937,263 0 0	••			(1,503,824) (10,594)	1997091/6	3,143,551	4107 101 1021 1021 1021 1021		* * *	0 196/261	(189709178)	0 (109(81) (109(81))	0 (200.85) (265-269) (265-200.1)	312,2446 319,545 100,645 210,241 212,241 212,241	312, 446
Duke Energy Ohio 903		3.855,261 0		162.709	Q Q	34424	3,729,465	3.729.485	4 10% NA NA NA			106 220	(3.723.485)	0 (27), TUT) (23), 127, 033) (23), 127, 033)	0 17.573 141 559.141 169	312,061 505,012 502,022 203,020 203,020 204,510 1,374,875	313,661
Duba Energy Commercial Entarprisse, lerc.	1	4,799,786		212.319	0	(883,047) (762,658)	910.3C8,C	2.635,019	4,10% NVA NVA NVA			244.5.1 <sup>7</sup> 254.5.92 0	(3,635,019)	0 (218.228) (3.416.791) (1.635,019)	0 (ELE, SH 2) (ELE, SH 2)	722,657 215,506 2255,906 2255,906 2269,507 2269,502 2269,502	222.657
Duke Ermigy Business Services 110	1	181.067.254 0 0		7,697,928		2,736,705 (1994-490)	172,036,817	172 036.817	4 10% ANA AVA 1201621	***		18.655.409 [18.655,409] 0	(172,036,817)	n (15,510,013) (156,525,924) (177,036,817)	0 6 407.527 5 <u>6 707.855</u> 50.860.273	15.825.67 12.220.200 12.216.645 14.065 14.065 15.210 16.210 15.210 16.250 17.2500 17.25000 17.25000 17.25000000000000000000000000000000000000	15,425,673
Du Dute Every Carolinas LIN	1	15,900,409 0 0	•	406 C299		(574,023) 8.715	962-225 11	14,522,236	4 10 44 14 23	00 <i>0</i>		1 827,012 	(14,522,236)	0 (150 (310 [] (150 (319 []) (150 (319 []) (150 (319 []) (150 [])	0 (241:245) 5300-405 5,138,190	2006.01 157.595.0 15.57.61 15.57.62 15.56.0 2,56.650	2,046 751
Payrok Company	Change in Secretit Obligation	Benefic Obligation Begranny of Year Benefics Comparisons and Directioners	Payral Company Transfers	Service Cost Interest Cost	Puer Participan's Contributions	Actuation Lonsy(Gen) Plan Americanerts	impact of Settlements and Curtainments Benefit Obligation, End of Year	Accumulated Benefit Obligation, End of Year	Whythmad Average Assumptions Used in Demonstrang Baroki Odbylalocis Demouse Rate Rates Circelang Rate Rate Odonymanakon Vizzanas Masuzement Danyci	Change In Plan Assets Markari Value of Austri, Begering of Year Baarees of Amanacion Sord Decembrars Plan to Plan Transfor	Pentet Company Translers Acausi Return on Assets (Net of Experimen) Plan Pathoparts' Contributions	Errydoyer Contributions Benefix Paul Mather Value of Asseys, End of Year	Funded Status, End of Year	A mounts Recognized in the Statement of Financial Portion Norzurest Asces Correct Latables HertEment Latables HertEment Assectiables	Amounts Recognized in Accumulated Ober Competiments to the me Thanking Decomposition That Service Coad(Creat) Net Actional Lena/Creat) To a	EXPECTED CASH FLOWS Low-case Englower Bonsell Phyrmatia (Intel of Part D 2017 2013 2013 2013 2013 2023 2023	Luorid Congray Contributions

Section 1: Year End 2016 Footnote Disclasures Ouke Everyy - All Leyary Nonquatified Plans

	1		Duke Energy							i	Florida Progress		
Payrol Company	Duke Energy Carofinar 190	oria Energy Business Satisfies	Commerciau Enterprises, Inc. <u>501</u>	Duke Energy Ohio <u>Eut</u>	Duke Energy (ndiana D 121	Duke Energy Kuntucky 336	Cuixe Energy International	Discontinued Oper. Dr. Discontinued Oper. Dr.	Duke Energy Prograss <u>ADT</u>	Duke Energy Florida 302	erpotation and Frograss Fuels Corporation	Fielmost Italural Gas Company PHG	All Plans Tolat
Components of Net Periodic Benefit Cost Server Cost	482,180	903,282,1	17.155	01	1651	5	59 X	<b>a</b> :	196,475	41,478	0		2 206,112
Expected Admenated by Experiment (recent Cont	106.538	0 7.697,928	212,319	0 162,708	207,233	285	21.406	0	0	0 1,954,856	0 1.410,575	27,536	0 14,524,154
Expected Ration on Plan Assels Amontection of the Transform Characterized Asser	• •	• •				• •		00	00	••		• •	•
Amontazion of Phot Service Cost/(Cred)	(an 5 an)	(967, 028)	45.574)	2.569	7.468		(115,648)	(195)(1)	[97.515]	(009'652)		••	(126'860'1)
Amonization of Net Actuarial Lussificant Settlement and Several Trimmation Benefit Charles	619.644 0	5 274 444	100.001	902/95	900¥	4,707	(123.588) D	286,908	511.493 0	100v/S0/	194,292	15 104	7,176,343
Nel Penodo Beneral Cast	1.745,165	13,687,682	156,54	252.522	270.232	10.669	(cres)	126 520 1	2019.610.2	2 455.134	1,604,808	42.640	Z3 416,738
Other Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Income													
Busines Contensions/Onest/Unix - Ne) Actional Loss/Gam	ø	•	a	•	ē	D	a	٥	e	o	۰	1,528,461	1,526,461
Business Company tors/Direct/tures - Phot Service Cost/Credit)	e	0	Ð	•	0	Ð	¢	0	Ð	¢	ø	Ð	•
Settlement Adjustments	a	a	¢	•	•	e	•	•	•	•	e	•	¢
Net Actuarial Long(Gain)	(174,023)	222	(1pg E58)	200	(1:203.824)	4310	49.775	205.502	1.67.92	1.811,517	1.372,676	(11C)12	4,400,608
Amortuzation of Net Accuments (Loss)/Gean	(110) (01) (01)	(5.274.444)		(act 6 5 5)	83	(0:'5) (	100 Y		[511, 493]	(00 <sup>+</sup> 100)	(282'H4L)	15,104)	(050'944'4)
Amortation of Prior Service (CoultCredit	20202	1002.000	125.24	(1,269)	Line J	••	15,648	19561	97,515	20102			1000.921
Amongagian of Net Transforn (Chingatton)/Asset	0	0	9	0		. 0		0	6	0			
Total Recognized in Other Comprehensive Income	[366]966 d	(3.562,709)	(1,210,161)	(28.103)	(1.635.654)	1265)	119,011	(37.859)	PS6 256	111,146,1	1.178,364	240 DA4	(3.005,408)
Total Recognized (n Net Petiodic Benefit Cost and Other Comprehensive Mcume	977,046	9.824.973	(865 230)	197 132	(1 365 625)	10 272	95.638	366.068	292.013.562	1,8 <i>0</i> 7,851	278,222	1,482,586	022.022.02
Estimate of AmouNS that will be Amortized Out of Accumulated Other Gampe heative income into Net Periodic Benefit Cost in 2017													
Net Transition Obigation/(A swit)	•	•	Ð	°	a	•	•	•	•	a	Ċ	¢	ē
Prior Service Count(Dedit)	[48.178] 47n 7n 4	(205.116,1)	(63,735)		[16.387]	0	[15,643]	(13,762)	(B1.545)	(239,600)			(1, 828, 904)
Total	41525	3,627,563	[74 B49]	24 605	1986,1011	4 486	[260.037]	292,267	- 558 ZZG	960,352	200.012	155.65	5,541,444
Weighted Average Assumptions Used an <u>Determenter</u> Cost													
Crecount Rate	7077	4 40%	40%	N 404 F	4 40%	2074	A 40%	440%	4.40%	4.40%	4.40%	2.80%	4.407403-80%
Interest Crediting Rale	N/A	ANA .	YNY	¥.N	NA	NA	NA.	<b>NN</b>	MN/	¥N	M N	¥2	¥N
Expected Return on Plan Assets	¥24		2	NN I	MA .	¥.	¥.	≨:	2	\$	\$ :	2	<b>\$</b>
react of the under comparisoners and eases Measurement Date(s)	1201001	12/21/2015	2102/1E/21	12/31/2015	5102/10/21	2102/10/21	5102/1021	5102/1071 ·	SIGNICEL	12/01/2015	2102/1C21	91021001	12/01/2015

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	Progress Fuels Corporation	915.378 0	2 2 2 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		(1829) 0	1,012,351	0	10% Num Num	7 50% 4.75%	12/31/2016	KN N	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 0 <u>6</u> 0 1		(1.022,104)	0 (11).26 (2013)	B	(235 653) (176 072) (411 / 105)		9), ()47 85, 172 85, 85, 85 73, 42,4 76, 289 76, 289	55 D41
	Plotide Prograss Corp	287.765 0	900 9 R	- o c	1.00 m	700.017	٥	101 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	¥ST ¥ST	12/31/2016	NUA AUA	(6.55¢)	5 0 (j 0 )		(959') (922)	(165.99) (165.99)	o	(525 28) (525 28)		68, 280 67, 661 69, 555 68, 255 84, 573 287, 754	8
	Duke Energy Florida. E07	164 221,809 0	0 (418 570) 416,423	(10,692,959) 579,673 519,673 519,6423 510,6433 510,64335 510,64355510 510,643555555555555555	5.92.6 592 0	0	o	4, 10% 508 104	7 02% X27 1	12/31/2016	NN NA	200,825	9/27:55 9/27:55 9/27:55		(100 500 274)	0 (104.948.941) [014.948.941]	•	(56,646,247) 76,713,301 10,053,554		15.200.066 14, 007,479 14, 007,479 15, 074,15 15, 474 17, 474 17, 474	15,260,042
	Duke Energy Prograss	005 626 781	0 (143.039) 215.845 7.925,306	(LEE, 178 20) (LEE, 209 (LEE, 200 (LEE, 200 (LEE, 200) (LEE, 200)	0 31E1007-12	0 1061	o	NOT \$	700%	12/21/2016	YN VN	0 129671181)	42,815 150,030 3,960,016	12 001,100 (16,877,833)	(16935081) (1100-0001)	0 (16.175,949) (16.176,948) (16.176,448)	-	(55,115,965) (02,740,465) 17,624,503		6842,584 (8) 6470,740 6470,740 846,740 846,742 814,847 814,847 814,847 814,847	16, 810, 926
	Duke Energy Discontinued Oper, <u>255</u>	6.448 674 0	0 0 262,412	0257095)	101 155	5.671.069	a	4 10% NAA NAA	N52 1 N00 1	12/1/2016	NA NA	5,954,075	391,615 391,615 442, 357	015295	0. 140. 151 (522. 653)	0 (8.082) (1281-812)	U	(126.502) (1.140.609) (1.076.111)		1.132,758 337 873 337 873 346 320,853 324,983 1 524,154	8,276
	Duke Exercy International 100	236,205	2007 2007	() 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22.059	232,528	a	NA NA	N52.14 N52.14	a 910//15/21	N N	577,901 0	0 0 9 9 9 7 9 1 9 1 9	37 856 (44, 448)	(69.226)	0 0 027 EB)	¢	(17.783) 24.523 5.740		12.0.01 2.545 2.655 2.656 16.469 16.469 16.499	ð
	Duka Energy Kentucky <u>536</u>	6,844 694 0	2 215,215 2005 2005 2005 2005 2005 2005 2005 2	[614 660) 0 1841 187	(106,045)	272 252 5	¢	4 10% NUA NUA	\$002 2	12/31/2016	NN NN	1 197 677	240 050 85,179 85,179	(614 980)	210 91010 [5.037 497]	0 (68(A3)) 0 0		(1,195,220) (4,354,426) (5,549,676)		612, 693 800,607 863, 269 566, 269 561, 249 2,556, 739	168,550
	Duhe Energy Indiana <u>519</u>	87.894.933 0	0 1953/0012 3050/038	(12,812,582) D 7 179,040	0	- 011 217,EB	o	A 10% NA	7.001	10201021	AN AN	19,416 926 0	000.021.2	10 558(597 (12.812.662)	(510 001,03)	0 [372.146] [52.758_00]	D	- [6216/09/51] - [820/69/323] - [211/09/51/2]		10.201445 9,466,744 9,466,744 0,054,427 9,054,728 712,324 12,321,334	999181C
	Duke Energy Chilo 203	27,576,843 0	0 100,000 100,000	0 0 1000 FC	022.741 D	(1947-1942) (12-	c	4 10% AUA	3002 F	12/31/2015	¥ 2	6,477.263 0	0 (575:534) 467:025 824,001	20012012 (942.057.2) 9	11 (20 Gene (9 f.)	0 (11 554 454) (17 055 116	•	(1,561,635) (10,933,402) (12,885,097)		2 005-309 2 005-009 2 452,063 2 1277,090 2 2 241,090 2 2 241,002 8 2 759,002	1,626,853
	Dute Energy Commercis <sup>5</sup> Enterprisas, Inc. <u>501</u>	12.612.901	200 E25	0 0 00,000,010	1051201	10,045,00,01	0	X01 P X01 P	NGC 1	31021521	NA AUT	2,861,007	0 0 10 202 208 208	1, 161,549	3,161,184	0 (501,103) 1521,852,91	c	(1.490619) (8.612,515) (10.200,134)		2.272.073 1.607.028 1.316.968 1.316.968 1.316.740 4.005.173	640,912
	Ouke Energy Bushness Services	132.442.718 D	215,440	(16,509,041) (04,500) 24,500 041	0	605'545'501	D	A 10% NGA NGA	7 005	12/21/2016	NN NN	117,4921 %E	0 2.368.508 2.368.508	10,678,959 (15,605,045)	171 S20,062	0 12,200,671 0	D	(997,1352,001) (996,1322,001)		12, 412, 579 14, 304, 704 17, 858 11, 986, 11 19, 988, 11 14, 188, 38	3,336,029
	Duke Energy Carolinas <u>110</u>	0 0 1995-289-561	0 639,057 9.474,455	(16,804,154) 82,607 1417 141	237.451	00.919.005	o	4 10% KKA	7 00%	5 12/17/2016	NN NN	100,800,124 0	0 (1205.221) 8,503.606 2,522.771	- 5 (16.804,154) 917,178	136 SHU, 134 [64, 277, 904]	(11,122) (11,122) (1	Ð	(42,909,875) (3,447,029) (46,356,914)		21: 500 21: 10: 20: 20: 10: 20: 20: 10: 20: 20: 10: 20: 20: 10: 20:	231.767
Section 1: Year End 2016 Footnote Disclosures Duke Energy - All Legacy Wetlare Plans	Fayral Containy	Change In Benefit Observation Benefit Otherabon, Benjinnang of Year Russness, Comparisons, and Danskillures	Planto Plan Transfers Payral Company Transfers Semena Coas	Gerous Branchis, Plant Less, Stetrat Justary von benefits paud Brans Deutermannen Cramme soore	rteri reungenes som menes Achterial (neu/Clan) ERRP Recepts (spjued Alberial Claning Part)	Plan Americanianens Impact of Schermerts and Curtainnens Browick Objacture, End of Year	Accumulated Benefit Obigation. End of Year	Weighted Average Ansumptions Used in Descored Objections Descore Table Descriptions Descriptions	Health Care Cos Trend Rate Indus (site Ubmate rate	Years to uttinate Measurement (Date(s)	Effect of one-percendage point charge in assumed health care cast literate as - Increase as - Decretes	Change in Flun Assets Muchen Value of Austers, Begening of Yoar Busness Combinations and Dersitures	Plando Planta Transfers Paralo Company Fransfers Actualis Return on Austos Nith of Ecompany Plan Parlocpamb' Contributions	Employer Contributors Benefits Paid import of Settlements and Curtainments	Markot Value of Azons, Erd of Year Funded Statud, End of Year	Armourts Surceguigad in the Sultament of Phrancial Postition Biotosarent Astoris Carrers Habites Newsuren Landes	Атомить Recommendation Activity of the Comparisments Recommendation of the Comparisment of	Pros Serve Cogr(Cread) Net Actuated Lonar(Gom) Tatal	EXPECTED CARRY PLONG External Content Description	1010 2013 2015 2015 2015 2015 2015 2015 2015 2015	Expected Cohrgany Contributions

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0 1228,808,5221 1528,440,00 10,028,440,00 10,028,450

82,017,256 81,455 645 71,741 167 74,564 076 72,654 076 72,011,650 309,656 339 40,870,371

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	Duka Erangy badiana Duka Baar	AVA V	NA.	472 472	5	NUA.	114 047	0	3.654,628	Q (1777)/2000	[836.650] 07 ETT DAG		[0777667676]		0	•	2,170,153	09010372	1929 ST	£78.96201	5,101,545	Q Q	806 210 B	4.40%	NAM A	NAN ANN	5	42.54	12/01/2015	
	Duke Energy Duke Energy Marmatonal 316	¥74	¥N.	NA NA	5	NUA.			288.740 JEO 4640		1/25/62/1				(Deg 1653)	(57:75)				(612.150) 2	(943°396)		(424 358)		VN			×614 1	12/3	1
	chergy Duka Energy stional Discontinue d Oper. <u>600</u>				N/A N/A				10,755 262,412 14,755 262,412						0 0	•••	21,860 61,538			27.040	25,649 (78,004)		(162.853) 3.023 3.021					415% 415%	121	
	Othe Every Progress								7,926,365		(57,589,683)				(177,195)	518,814 2	192(1921			65,748,555	15.912.152		12 122 319		VN S	-	5		5102/521	:
	Duke Energy Rorida <u>307</u>	and a	1	ž	AN AN	NA	547 JIV	10.015	6.917.349		[34,610.230]		[10.107.100]		(262,1528)	1,821,686	6CZ 157,8	(9, 194, 866)	34.610.030	16/ C59 FL	949,943,71		9019114	<b>107</b>	YN I	NA A	7.00%	4 75% 7	12/31/2015	
	florida Prograss Corp	ALLA	N.	47N	NA.	¥71	a		109T	9 -	[2] [3] (3] (3] (3] (3] (3] (3] (3] (3] (3] (		(000-110)		¢	01	020185	5,071	919150 919150	41,667	(122.1)	D D	1966)	6	M.	NA NA	7 50%	1922 W	12/51/2015	:
	Progress Fuels Pre Cotporation	<b>AM</b>	AUN	AN A	1 ž	N/A	e	7 0	1	n e	(312,916)		(1)(2)(1)		o		2 121 12	289,897	312,916	336.694	011.97	0	23.827	4 40%	AN A	NUA NUA	1052	4514 -	1231/2015	
	Predmott Hatural Gas Connos (y PNG	477	N N	MM	NA NA	NN N	ŝ	506 507	242,706	0			(m) ///		916'552'6	0.545.0	0 11.269	(117.480)	22,286	6,500,673	6,747,739	0	696 165 1960 165	SOB E	NN N	NN NN	1,50%	4 75% 2	10/21/2016	
	All Plans Total	2	NN		NA N	VN	1 M 1 m		35.140,830		(141,512,666)	006/600'0	(550°/100°/001)		9,000,918	11,545,781)	105-025-02	(6,003,000)	141,512,666	172,450,925	53,031,526	0	2 3 9 4 0 0 5 1	100 0100	NN N		1.501	213 -	12/11/2015	:

Robert Case An. 2m<sup>-1</sup> wells Also the Part Annowand A Part of A

## Section 1; Year End 2016 Footnate Disclosures Dake Energy - Dake Energy Retirement Cash Bidance Plan

<u>Duke Enetav Rebrement Cash Babboe Pian</u>

Pay ol Consult	Duke Energy Canolinas	Duke Energy Buskeens Services	Duke Energy Commercial Enterprises, Inc.	Quite Energy Ohio	Dute Energy Indiana	Duke Energy Kenluchy	Cute Energy International	Duke Energy Discontinued Oper.	Dicke Enwigy Progress	Duke Energy Florida	Flotida Prograss Corporation	Progress Fuels Exporation	Ptan Toki
	81	밁	5	5		쾨	<b>D</b> 04	D5C	M	202			
Leaved a program. Regeneral of Year	1,895,793,952	1,632,220 052	86.556,445	132,929,532	648.515.570 6	13,163,730	5,529,263	157.249,020	1 142.507.775	665,902.987	15,591,551	15,901,630	6,511,461,507
counces concentations and the party are party of a		6,150,301		2,678,941	046,603	476,452	• •		061/12		••		5,001,854
Peyrol Conpany Transfers	14,162,869	(11,417,867)	D	(415,121)		232.348		•	[2734/297] The second	11.14 11.14		• •	
Service Cost Internet Prior	44, 348,034 84 787 995	70.470 500	3,6565,765	5200 862 5 200 862	27,871,288	553.816	242.670	6 443 544	20,000,004	28 545 444	U 672 968	672.968	279 750 653
Gross Benefits Paid	(Sar.cac.ecc)	(121.705.131)	1250'009'11	(12.778,649)	(54 371,503)	(962.886) A	(546 013)	13,240,665)	(570;54,100) V	[60.552,478]	(11,269,189)	(1) (195,694)	(921'101'219)
Profit Profit and States Contractions Automatic Locard (Com)	46.171.726	15,200,539	(4 996 002)	(728,827,5	40,515 048	216,116	269,656	2756 431	51,690.224	57,154,446	639,437	1.660,717	206,060,947
Plan Amendments	(1228-888),57 A	0 0 0 0 0 0	(Sec). 473)	12103,451	(14 451.538) 0	(412,801) 0	a e	a c	0 (219'121)	(062.1452)	• •		(10:345:01) 0
impost of continents of a contraction and Benefic Original Contraction and the Second Se	1,952.015.136	1.657,364 559	77.942.349	123,380,558	657.308.258	13,00,01	5.545 006	153,210,230	1.157.593,600	657,334,985	14534767	17,059,621	6,407,202.965
Accumulated Benefit Obligation, End of Year	1,952,015,145	1,656,920,854	77.942,354	123.390.603	648,437.571	13.403.724	5.545,036	153.210,330	1,157,593,601	657.394.985	14.534767	17,059.521	6.477,498,572
Phyliphted Average Assumptions Used to Optimizing Benefit Obtigators	ļ		and t	THE R	ļ	104	101		1101	106	201	104	
Letteret Protect Rate	4 25%24 01%	100 PARA 000	4 25544 005	4 25944 00%	4 25M44 00M	4.75%44.00%	1 2554 0016	ATTACK A	42554400	475NU400N	475NU400	4 755424 DNS	47554400
Research Comparison Increase Resourcement Oattins	11,50% to 350%	11.50% to 1.50%	11.50% to 3.50% 1.201/2016	11.50% to 3.50%	11 50% to 3.50% 12/31/2016	11,50% to 3,50%	11 50% to 3 50%	11:50% to 3:50%	112011021	11 50% L of %02 11 302/12/12	2012/10/21	2011 501 C of MO2 11 3107315121	11 50% to 3 50%
Change in Plan Assets Mistoria - Daniel Booteneer of View	223 CT1 12 C	202 202 109 1	111 010 644	THE POST OF	C92 P00 993	100 100 111	2 (CI M4	771 010 721	LEN CHILERE	101 ML 202		(FC 562 91	A DAG RAU DAG 2
Branness Combinations and Divestitutes	0	0			6	e	9	0	0		0	0	0
Planto-Flan Transfers		6.150,391	~ ~	2.628,941	604 940	476.452	06		21,130	D CHILL			9,1811,854
Actual Returns on Assets (Net of Expenses)	156.910 240	114.369.235	889'CLO'R	31.149.045	46.500.7 10	2561501	580.793	12.012.017	22212616	521,992,52	DF3.60E.1	1,130,884	499 038 972
Plan Perioparts' Contributions	0	0 735 ATT 1	0 7 7 80 174	0	0	0	0 0001	0	0 Construction	0 7.657.774	0 14 14	15,440	0
cmpayer complexion is Semetics Payd	(234,263,125)	(121.207.121)	(1.600.352)	(12.778.649)	(SA2 17 C 1-2)	(062,356)	(E10 SHE)	(13.240,665)	(106,755.375)	(60.592,478)	[2,369,169]	(H59 750 (J	(617,131,126)
Impact of Setherments and Custoffments Market Value of Assets. End of Year	2.225.202,302	1.615.572.679	114 943.766	944 696'411	057.381.204	15,119,366	8,140,635	158.513,860	0.209,250,659	748,151,745	17,0027,646	16.456,963	7.002,440 684
Funded Mathe End of Year	202 782 642	142 311 8801	37 001 417	4 579.178	72.945	1 715 646	2 595,599	OLC FILE FI	702 253 LEV	EQ 756 762	3.122.479	1602,6241	515.157.719
a montanta di seconda d												ļ	
Amounts second accord in the substituted of particular consum biocreates Accord Larrow Landback	273,247,225 0 0	(42.311.650) 0	37,001,417 0 0	4579.176 0	9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,713,645 0 0	2 555 559 0		0 0 0	90.736.762 0	0	(507,638) 0 0	515,157,719 0 0
Net Benefit Associated by at End of Year	273.247,225	(42,111,580)	37,001,417	4 579,178	72,945	1,715 545	2,556,539	12,322,500	131,657,257	30,756,762	3.122.679	(9C3'C39)	515,157,719
Amounts Recognized in Accumulated Other Comprehensive income Net Transkon Obligation/Jasamy Prod Service Could(Deady)	0 (44,924,681)	( <u>125 579 (85</u> ) 0	0 (251:250:2)	0 (588 1442.1)	0 (17,687,143)	0 0 10 10 10 10 10 10 10 10 10 10 10 10	(229/292) D	0 110.524	0 (3 174,055)	(887 5597 (P) 0	80		(901/849/301) D
Part Actuaries Carry Total	521 324 618		[059 500'E]	11,034.387	140,295,915	1,566,315	277.745	52,452,555,180	378,619,554	233.912.007	2 684,582	2.120.175	1,721,095,414
EXPECTED CASH FLOWS Expected Cash FLOWS													
2017 2018	152,426,466	122.057,713	5,696,416	E29-005-11	48 532 432	1,237,916	E1E MEL	7,483,942 9,133,842	03,526,462 02,015,710	211,220,244 211,020,244	840,412 0.01562	192'006 193'006	482,035,919 547,908,071
0002 5102	175,962,879	117,200,161 017,200,161	6.3648.480 5.648.480	11,152,861 10,532,565	45 893 742	1,074,458	520 233	12,12,12,14	56 105,218 59 812,008	45,800,152 47,000,651	907,009 247,709	040,050	517,068,352 534,161,302
2022-2026	567,374,414	840,966,048	27.017.422	44,693,710	216,592,110	4614 309	3,147,135	64,372,782	455 033, 1665	182,000	192 700 4	5,066 50g	2,566,661,573
Espectad Company Contributions	44,647,303	40 519,891	1,237,732	400,910	3,574 635	68,782	236,818	192.591	25.010 001	7,003,485	00°C(51	92,462	128,000,000

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Section 1: Year End 2016 Footmate Disclosures Duke Emergy - Duke Emergy Retirement Cash Balance Plan

					<u>Duke Enerav Rebitem</u>	<u>Duke Energy Rebitement Cash Balance Plan</u>							
Pyrol Company	Duke Energy Capolinas <u>100</u>	Ouka Energy Business Services (10	Duke Erergy Communitat Enterprises, Inc. 201	Cuke Evergy Ohio 502	Duke Energy Indiana 123	Ditte Energy Kentucky 536	Uutue Energy International <u>900</u>	Duite Every Discontinued Oper. D	Duke Energy Progress	Duke Energy Florida 902	Flotida Progress Corporation	Progress Fuels Corporation	
Components of Nai Parioulic Benefit Cost Expension Cost Expension Antimustrative Expenses Expension Cost	47,588,654 2,229,721 84,707,995	36,912 747 1,581,016 70,426,016	1,465,956 111,207 111,207	272.275 127.987 5.040.985	8,624,759 650,884 27 871 288 24 569 2401	48.767 14.195 553 846	775 282 6,142 2,42,570	0 795,361 644,364	23 838 004 1 274 991 49, 127, 675	6.496,614 747,613 26,545,444	0 137,561 632,968	0 17,567 572,958 572,958	
Express Returns on Rev. Asset. Amorization of Net. Transcon Oblighton (1994) Amorization of Net. Servers Express (2004) Amorization of Net Assets I Loweld Charge (Cond.) Hell Francis Benedi Const.	(141.586.170) 0 (7.697.453) 32.400.667 32.400.667 16.702.909	(100,425,601) (4,778,781 (4,778,781 (10,163,634 750,165,634 	(968-688.1)	(6.053.774) 211.966 877.324 877.324 950.193)	(41.046.749) 0 (428.693) 6.017.114 6.017.114 1.337 103	(6%6.022) 43,642 81,842 81,845 11545226	(49.04) (49.04) (12.770 (12.730	156,225 156,256 3:478,79 0 184,222	(12,13,19,1) (11,0,4,0,12,9) (12,0,10,12,12,12,12,12,12,12,12,12,12,12,12,12,	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 20 20 20 20 20 20 20 20 20 20 20 20 20	
Other Changes in Plan Assets and Benefic Obligation Recognited in Other Compensation Income Busiests CompensionStructures - Net Actuarial Load(Card) Busiests CombendionalStructures - Plan Structure Card(Card)	(920 ETT)	(324 546) 815.275		236.386 175.534	800	5,042 198,545	000	000	(H03 202.1) (H03 202.1)	(227,782) (212,161)	000		
Coorden Acquerates Nel Actamal LandGaon Paractariano I da Actaway (1:04)0240 Paractariano da Net Actaway (1:04)0240 Paractariano da Net 7 frestoron (Disganov)/scet	26,6(6,435 (22,46)6(5,435 (22,466,692) (2,466,692) 7,637,458	59,690,262 (29,281,047) (25,926,810) 4,728,700	(5.532,777) (5.532,777) (5.25,500) (5.25,500) (5.15,173	(21,752,51) (21,752,51) (21,152,152) (21,152,152) (21,152) (	24(50)7(92)4 (97)7(56)8 (97)7(76)8 (910)7(95)8 (910)7 (910	1540.40 (13.076) (41.9.80) (41.9.80)	254.024 (012.270) (012.270) (012.270)	657.245 (3.475.710) (156.256) (156.256)	40,687,408 (126,53,091) (124,842) 1,340,823 1,940,823	5,545,314 5,546,514 (15,600,453) (1294,750) 8,422,038 8,422,038	0 (306,005) (306,005)	1.751.645 (302.045) 0 0 0 0 0	_
Total Recognised on Officer Companiance Informe Totak Recognized in Net Periodic Benefit Cost and Other Comprehensive Income	4,032,560	216.1107.1 248.818.609	(CD- 553 ()	(0.710.030) (771.230)	15.628.548	(1977-111)	210.994	(275 018 2)	15 31 242 703	(\$78,528.5) (21,108,528.7)	995'Z	1,362,681	
Effrade a Annumb bas will be Anordina Oof a Accomutated Ones Comprehension become Pace MA Periodic Benedit Cost is 757 For the Annual Company Analy Periodic Service Contemport/Analy For diservice Contemport	0 (8.063.620) <u>30.915.876</u> 27.825	0 (7.795,600) 30.700.259 22.404,409	1453,4159 1453,4159 (111,4550)	126 619 (897 52) 0	0 (1.996.849) 8.262.225 6.265.376	0 (16, 201) 112 683 96, 387	0 (49.042) 25.308 (1721)	0 116,853 3,283,945	0 (1,959,648) 23,572,655 71,396,217	0 (884,587) 113,551 11,151,144	0 170 <u>495</u> 177,495	0 0 134.650 134.650	
Мадрае Англир Алкиндика Издарае Англир Алкиндика Издалан Изта Издани Стабрани обранизана Кана Стабрани обранизана Издани Стабрания	4,40% 4,55%4 00% 4,25%4 00% 11,50% to 3,50% 17,201/2015	440% 425%400% 5.50% 11.50% to 3.50% 1221/5215	4 40% 4 25%40 00% 8 6 30% 11 50% 0 3 50% 1201(201	4 40% 4 25940 10% 6 30% 11.50% to 3.50% 12,10015	4 40% 4 25%4 50% 6 50% 11 50% b 3 50% 12/01/2015	4 40% 4 25544 00% 8 20% 11 50% to 3 20%	4.40% 4.20%4.00% 6.50% 11.50% to 3.50% 12.01%2015	4 40% 4 23%4 00% 4 23%4 00% 6 50% 11.50% 10 2 50%	2102/12/21 408 408 11 408 11 508 12 12/12/21	4.40% 4.75%4 00% 6.50% 11.50% to 3.60% 1230/2015	4 40% 4 25%40 00% 8 00% 8 00% 11.50% to 3 50%	4.40% 4.55%4.60% 6.50% 11.50% to 3.50% 1201/2015	1

4 40% 4 25%44 00% 6 50% 11 50% to 3 50% 1 271172015

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83,966,759

Plan Total

<u>Cinergy Corp. Union Employees' Retirement Income Plan</u>

ofida Pi <b>lan T</b> ofial <u>802</u>	AP5 GP5 200	5	0 (9,861,854)		COURT 26,065,822	(roo'754'/r) 0	(312,396) 42,472,367	0 (571,218) 0 0	56/110/85	9,416 606,533,245		00% 4.25%4.00%		0 576,695,780		(HCB/1997)3) 0	1,609 41,128,694	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	43,124 578,099,757	(14,887) (55,533,742)			(14,887) (55,800,742) (14,887) (55,600,742)	0 (3.274,630)	4.246 164,649,843 4.246 161,275,213	143 42,104,302 544 41,455,920 5209 41,455,920 2009 43,019,277	551 44,300,227 (647 223,808,227	
Duke Energy Flo			<u>ç</u> e					00	195	Ğ 0		00 4.25%/4.00%		0	0	10						0							
/ . Duke Energy Progress 201	500.25		(21,130)	2,638		-	HE				410%	4.25%						0 0 0		(18,726)	(18,726)			(18,720) (18,725)		(3810)			796.1
Oute Energy Discontinued Oper. <u>Disc</u>	7 284 642	0	00	6	100 465 100 100	(420,048)	tEE'1Z1		7.742,580	7,742,580		4.25%44.00%		2,800,016		- 0	133,291	043.641	(495,848)	2,930,492	(4,B12,0BB)			(4,812,088)	0 114,051	4,614,717 4,728,769	520,584 544,220 569,848	4.06,614 5.46,514 2,303,891	700 MUE
Duke Energy Indiana Duke Energy Kernucky <u>529</u> <u>535</u>	87 AGA GBT	0	(476,452) 1 770 776	1,410,705	3,813,820	(1/1/2017/1) 0	5,601,801	(HSO'0E)	92,963,167	68,819,661	4.10%	4,25%/4,00%	9.50% lo 3.50% (2/31/2016	952 1980 228	0	(4/6/452)	5,745,336	0 1,396,856	(107'286'2)	83,132,370	(161,002,6)	-		(161,022,9) (161,022,9)	0 (348,632)	22,515,607	5,150,173 5,562,872 5,982,271	201,240,9 7730,677,7 847,789,940	CITE ROLE 1
Duke Energy Indiana <u>529</u>	Edit 244	0	(604,940)	21,551	27,200	(m-c/a)	309.613	• •	347.128	314,597	4.101	4.25%44.00%	1201/001	67,012	0	(1845'MPR)	(16,659)	13.83	(0)-240)	(203,596)	(850,724)	6	0	(850,724)	0 0	236,089	16.117 19.188 36.552	25,22 25,22 108,49	BUD US
Duke Energy Ohio <u>503</u>	219 161 749	0	(2,628,941) 6,020,653	2,257,407	9,342,547	(14,403,1 <b>.00</b> )	9,552,075	(308,157) n	200,042,712	210,672,016	410% 2017	4.25%44,00%	9.50% to 3.50%	207,409,049	0	(2629341) (5,070,6523	14,752,049	0 2.507.699	(14,402,130)	202,566,274	(15,377,034)	c	0	()50/770,251)	0 (747.200)	46,133,089	15,844,511 14,991,162 15,167,871	15,894,991 15,894,991 76,641,128	cun and c
Duke Energy Commercial Enterprises, Inc. <u>501</u>	71 645 801	0	00	91'BE3	700,600,6	(774'ang'e) 0	3,164,593	• •	72,135,927	72,135,922	4.10%	4.25%41,00%	9.50% to 3.50% 12/31/2016	75.7 44,253	•		5,350,605	0 38,907	(5,805,422)	25,388,352	3,252,431	-	0	3,252,431	0 (179,158)	37,767,470	5,453,830 5,299,600 5,195,409	22,641,109 22,641,109	94-2 UK
Duke Energy Business Services <u>110</u>	Of B ATH DES	0	(150,391) 7.776 569	4,061,312	9,450,919	(224,141,12) D	23,801,151	(160'202) U	242,883,106	226,728,712	4.10%	4 25 14 4 00 1	9.50% to 3.50% 1.2/31/2016	208,345,621	•	(1917) (1	15,085,105	3.463.062	(3,747,522)	214,224,443	(231,654,653)	-	0	[28,684,663]	0 (152:21).21	50,950,256	15,117,131 15,037,499 15,0037,499	17, 375, 314 17, 375, 314 87, 345, 426	3 965 144
Co Ouke Energy Carolinus 100	1 11 12	0	0.007.72	6,793	3,511		(1,112)	00	154,276	110,341	4 105	4.25%44.00%	9.50% 0.3.50%	241541	0	0 60E'L2	18,697	0 5.476		EZO'ZEC	182,746	c	0	182,746		(arc: 501)	1,715 1,736 2,282	2,019 2,328 16,578	5.454
Payrol Conparty	Change in Benefit Obligation Benefit Obligation of Y	Business Combinations and Divestmes	Plan-lo-Plan Transfers Burned American Transfers	Service Cost	bileresi Cost	Gross Benerits Paid Plan Participants ' Contributions	Actuarial Lona/(Gain)	Plan Amendments Immed of Soulamente and Cudaliments	Benefic Obligation, End of Year	Accumulzed Benefit Obligation, End of Year	Weighted Average Assumptions Used in Determining Benefit Obligations Discement Bale	Interest Crediting Rate	Rale of Compensation Increase Measurement Date(s)	Change in Plan Assets Marker Value of Assets Beginning of Year	Business Combinations and Divestitures	Ptar-to-Ptan Translets Pavroli Company Transfers	Adual Return on Assets (Net of Expenses)	Ptan Padicipants' Contributions Emblover Constitucions	Benefits Paid	impact of SetRements and Curtaiments Market Value of Assets, End of Year	Funded Status, End of Year	Amounts Recognized in the Statement of Financial Position Necession Associa	Current Liabilities	Noncurrent Liabilities Nei Benefit Assevi(Liability) at End of Year	Amounts Recognized in Accumulated Other Comprehensive Income Net Transition Obligation(Asset) Prior Service Cost(Credit)	Net Actuarial Lossy(Gain) Total	EXPECTED CASH FLOWS Expected Employer Benefit Payments (Net of Part D Subsidy) 2018 2018	2021 2021 2022-2026	Expected Company Confiduations

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Section 1; Year End 2016 Footnole Disclosures Duke Energy - Clactyy Corp. Laion Employees' Retlement Income Flan

Clineraty Corp. Union Employees' Relifement Income Plan

$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Payroll Company	Duke Energy Caro <sup>u</sup> nas <u>100</u>	Doke Energy Buwness Services <u>130</u>	Duke Energy Commercial Enterprises, Inc. <u>501</u>	Duke Energy Ohio <u>503</u>	Duke Energy Indiana - Duke Energy Kentucky <u>336</u>	uke Energy Kentucky <u>536</u>	Duke Energy Discordinued Oper.	Duke Energy Discomlinued Oper. Duke Energy Progress <u>DSC</u>	Duke Energy Florida <u>802</u>	Plan Total
3611         968001         36600         98600         9900         9000 </th <th>erlodic Benefit Cast</th> <th>6,793 200</th> <th>4,061,312</th> <th>91,853 74 AT</th> <th>2,251,407 404 For</th> <th>21,551</th> <th>1,410,205</th> <th>0</th> <th>2 7 7</th> <th>10,834</th> <th>7,865,141</th>	erlodic Benefit Cast	6,793 200	4,061,312	91,853 74 AT	2,251,407 404 For	21,551	1,410,205	0	2 7 7	10,834	7,865,141
(15.80)         (13.250,03)         (5.85,04)         (13.10,104)         (10.61)         (5.87,20)         (165,15)         2           (4)         (75,73)         (27,269)         (27,26)         (23,26)         (23,16)         (26,15)         2           (10.69)         (23,16)         (23,16)         (23,16)         (23,16)         (24,17)         (26,17)         (27,19)         (26,17)         (27,12)         (26,17)         (27,12)         (26,17)         (27,12)         (26,17)         (27,12)         (27,12)         (27,12)	- Aperases	115'E	9,450,519	200,000,0	196,267,967	202/22	3,813,820	339,465	, <b>1</b> 8	16,038	24,065,022
(i)         (i) <th>Assets disco Obieration//Bread)</th> <td>(15,893) D</td> <td>(13,258,023)</td> <td>(4,826,824) n</td> <td>(13,160,184)</td> <td>(4,064)</td> <td>(5,257,230)</td> <td>(165,815) 0</td> <td>σ C</td> <td>ā °</td> <td>(36,667,677) 0</td>	Assets disco Obieration//Bread)	(15,893) D	(13,258,023)	(4,826,824) n	(13,160,184)	(4,064)	(5,257,230)	(165,815) 0	σ C	ā °	(36,667,677) 0
(7.48)         2.072.36         2.044.50         2.046.50         2.044.50         2.045.26         <	the Cost(Credit)	(41)	(1222)	(32,056)	(62, 328)	Ξ	(139,544)	31,075		0	(159,216)
(10.064)         2.200,76         415,545         560,761         1,566         1,000,546         643,517         443,51         1,000,546 <th>tial Loss((Gain) somiomion Benefit Charoof(Contit)</th> <td>(7,485)</td> <td>2,015,832</td> <td>952,270,5</td> <td>2,248,520</td> <td>605()F</td> <td>398,848 0</td> <td>612,172 0</td> <td><b>8</b>5 0</td> <td>2013</td> <td>7,754,144</td>	tial Loss((Gain) somiomion Benefit Charoof(Contit)	(7,485)	2,015,832	952,270,5	2,248,520	605()F	398,848 0	612,172 0	<b>8</b> 5 0	2013	7,754,144
15560         667,08         0         (1,00);13         0         256,06         0         256,06         0         0         256,06         0		(10,668)	2,209,786	415,343	766,096	75,061	1,003,548	469,571	4,509	52,156	5,179,080
1         1550         64/68         0         (100)         256/67         0         206/66         0         206/66         0<	Assets and Benefit Obligation Recognized in Other										
(10)         (10)         (2,3,4)         (2,3,4)         (2,3,4)         (2,3,4)         (2,3,4)         (2,3,4)         (3,4)         (3,1,3	Jivestitures - Net Actuarial Loss/(Gain)	15,560	567 GAG	0	(1,000,134)	0	326,405	0		Þ	0
International allocation allocation consistent compension consistent compension consistent compension consistent compension compensio compensio compension compension compension compension compensio	irvestitures - Prior Service Cost/(Credit)	(1,015)	(24,348)	0	48,561	0	(061-122)	0	0	Ċ	0
at (ass)fication $(1,4)$ $(1,1,6)$ $(1,1,6)$ $(1,1,6)$ $(1,1,2,6)$ $(1,2,6)$		0		•	•	•	-		Ĩ	-	
Interstand         Low         Constant         Low         Constant <thlow< th=""> <thl< td=""><th></th><td>(a) (a)</td><td>2017/78/602</td><td>74/160612</td><td>//00/615</td><td>192,065</td><td>5,326,745</td><td>9009/16</td><td></td><td></td><td>2/ 420 450</td></thl<></thlow<>		(a) (a)	2017/78/602	74/160612	//00/615	192,065	5,326,745	9009/16			2/ 420 450
a: (Cas)(Cecti a) (Cecti a) (Cas)(Cecti a) (Cas)(Ce	riau (Losa)/Laur	CDF.1	(ZEB(CINZ)	נו ג'ייניגילים וו		(ane'ne')	(and/acc)	(E17)		רותירס) ע	121 218
in: (00)(galarit)(katt)	reading the state of the second second second second second second second second second second second second se	° 17	122.252	32.056	1 225 CS		39.544	G1.075)		. 0	369.216
Comperimente home         17,328         20,420,235         4,211,241         256,335         4,540,665         11           Prindle Benefit Cost and Other Compeninging         7,00         22,54,031         94,948         5,171,611         375,035         4,540,335         4,500         10           Prindle Benefit Cost and Other Compeninging         7,00         22,54,031         94,948         5,171,611         375,035         5,64,213         2,64,135         4,500         10           Rivelly         1         2         1         2         1         2<	ition (Obligation)/Asset		0			0		0	o	•	0
Priodic Benefit Cost and Other Comprehensive	r Comprehensive Income	17,928	20,428,235	505,505	4,211,234	299,375	4,640,665	(204,436)	=	(338,239)	29,524,339
If will be Amortized Out of Accumulated Olter into Net Periodic Benefit Cast in 2117 (22, 131) (22, 131) (22, 132) (23, 135)	d Periodic Benefit Cost and Other Comprehensive	050'2	22(638,02)	<b>944</b> ,648	5,171,691	375,006	5,644,213	264,135	4,520	(346.003)	221°EW/HC
Month         (17)         (12,256)         (13,256)         (13,256)         (13,256)         (13,256)         (11,55) <t< td=""><th>hat will be Amortized Out of Accumulated Other e into Net Periodic Benefit Cost in 2017 ********</th><td>c</td><td>c</td><td>6</td><td></td><td>=</td><td>a</td><td>c</td><td>c</td><td></td><td>-</td></t<>	hat will be Amortized Out of Accumulated Other e into Net Periodic Benefit Cost in 2017 ********	c	c	6		=	a	c	c		-
Image: contract state         Image: contract state	() water ()				a an						Cru otra
Implicit         Control         Contro         Control         Control <t< td=""><th></th><td></td><td></td><td></td><td>(001-00) (001-00)</td><td></td><td>(007/01)</td><td>FPE 924</td><td>010</td><td>ŝ</td><td>BAC ILL D</td></t<>					(001-00) (001-00)		(007/01)	FPE 924	010	ŝ	BAC ILL D
La 224,10% 1,2% 1,4% 1,4% 1,4% 1,4% 1,4% 1,4% 1,4% 1,4		(BZD)'()	2(691,524	2,183,117	2,474,120	14,856	1,249,315	307,428	(210)	56	8,913,143
9.50% to 3.50%  to 3.5	u mpilons L le Pun Assels	4,40% 4,25%4,00% 6,50%		4.40% 4.25%4.00% 6.50%	4.40% 4.25%4.00% 6.50%	4.40% 4.25%4.00% 6.50%	4.40% 4.25%4 00% 6.50%	4,40% 4,25%4,00% 6,50%	4.40% 4.25%4.00% 6.50%	4.40% 4.25%44.00% 6.50%	4.40% 4.25%4.00% 6.50%
	pensation Ingreases s)	9.50% to 3.50% 12/31/2015		9,50% to 3,50% 12/31/2015	9,50% to 3,50% 1231/2015	8.50% to 3.50%	9.50% to 3,50% 12/31/2015	9.50% to 3.50% 12/31/2015	9.50% to 3,50%	9.50% to 3.50% 12/31/2015	9.50% to 3.50% 12/31/2015

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### Retirement Plan for Bargaining Unit Employees of Florida Progress Corporation

	Dula Francis fields
Payroll Company	Duke Energy Florida / Plan Total
	<u>802</u>
Change in Benefit Obligation Benefit Obligation, Beginning of Year	E10.1(0.017
Business Combinations and Divestitures	610,152,237 0
Plan-to-Pian Transfers	0
Payroll Company Transfers	ő
Service Cost	12.282.941
Interest Cost	26,891,605
Gross Benefits Paid	(23,660,529)
Plan Participants' Contributions	0
Actuarial Loss/(Gain)	39,703,089
Plan Amendments	0
Impact of Settlements and Curtailments	0
Benefit Obligation, End of Year	665,369,343
Accumulated Benefit Obligation, End of Year	632,489,951
Weighted Average Assumptions	
Used in Determining Benefit Obligations	
Discount Rate	4.10%
Interest Crediting Rate	4,00%
Rate of Compensation Increase	11.50% to 3.50%
Measurement Date(s)	12/31/2016
Change in Plan Assets	
Market Value of Assets, Beginning of Year	574,140,375
Business Combinations and Divestitures	0
Plan-to-Plan Transfers	ō
Payroll Company Transfers	0
Actual Return on Assets (Net of Expenses)	41,142,484
Plan Participants' Contributions	0
Employer Contributions	12,000,000
Benefits Paid	(23,660,529)
Impact of Settlements and Curtailments	
Market Value of Assets, End of Year	503,522,330
Funded Status, End of Year	(61,747,013)
Amounts Recognized in the Statement of Financial Position	
Noncurrent Assets	0
Current Liabilities	0
Noncurrent Liabilities	(61,747,013)
Net Benefit Asset/(Liability) at End of Year	(61,747,013)
Amounts Recognized in Accumulated Other Comprehensive Income	
Net Transition Obligation/(Asset)	D
Prior Service Cast/(Credit)	(1,632,949)
Net Actuarial Loss/(Gain)	198,632,244
Total	196,999,295
EXPECTED CASH FLOWS	
Expected Employer Benefit Payments (Net of Part D Subsidy)	
2017	27,179,023
2018	28,710,354
2019	30,390,249
2020	32,146,714
2021	33,906,790
2022-2026	194,108,412
Expected Company Contributions	13,000,000
	10,000,000

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### Retirement Plan for Bargaining Unit Employees of Florida Progress Corporation

2ayroll Company	Duke Energy Florida <i>† Pl</i> an Totaj <u>802</u>
Components of Net Periodic Benefit Cost	
Service Cost	12,282,941
Expected Administrative Expenses	531,369
nterest Cost	26,891,605
Expected Return on Plan Assets	(36,573,759)
Amontization of Net Transition Obligation/(Asset)	0
Amortization of Prior Service Cost/(Credit)	(283,981)
Amortization of Net Actuarial Loss/(Gain)	12,694,654
Settlement and Special Termination Benefit Charge/(Credit)	
tet Periodic Benefit Cost	15,542,829
Other Changes in Plan Assets and Benefit Obligation Recognized in Other	
Comprehensive Income Business Combinations/Divestitures - Net Actuarial Loss/(Gain)	0
	u 0
Business Combinations/Divestitures - Prior Service Cost/(Credit)	0
Soodwill Adjustments Vet Actuarial Loss/(Gain)	34,602,995
	(12,694,654)
Amonization of Net Actuarial (Loss)/Gain	(12,054,054)
prior Service Cost/(Credit) Amortization of Prior Service (Cost)/Credit	283.981
Amortization of Phor Service (Cost)/Crean Amortization of Net Transition (Obligation)/Asset	263,561 D
Total Recognized in Other Comprehensive Income	22,192,322
otal Recognized in Other Comprehensive income	22,132,322
Total Recognized in Net Periodic Benefit Cost and Other Comprehensive	
ncome	37,735,151
Estimate of Amounts that will be Amortized Out of Accumulated Other	
Comprehensive Income into Net Periodic Benefit Cost in 2017	
vet Transition Obligation/(Asset)	0
Prior Service Cost/(Credit)	(283,981)
Vet Actuanal Loss/(Gain)	13,688,576
Fotal	13,404,595
Neighted Average Assumptions	
Used in Determining Cost	
Discount Rate	4.40%
Interest Crediting Rate	4.00%
Expected Return on Plan Assets	6.50%
Rate of Future Compensation Increases	11.50% to 3.50%
Measurement Date(s)	12/31/2015

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### KyPSC Case No. 2017-00221 AC:11K-01-041 Attachment 2 Page 15 of 40

# Refirement Plan of Piedmont Natural Gas

Payroll Company Change in Benefit Obligation Benefit Obligation, Beginning of Year Business Combinations and Divestitures	Piedmont Natural Gas Company / Plan Total <u>PNG</u> 351,740,623 0
Planched Plan I ransters Service Conpany Transfers Service Cost Interst Lost Coss Benefits Paricipants' Contributions Plan Pariticipants' Contributions	0 0 2,014,529 2,102,274 (1327,467) (137,467)
Aduaiti Losy(Gait) Jan Amaduments Impact of Settlements and Curtaiments Benefit Obligation, End of Year	(4,636,073) 0 (6,091,021) 344,292,865
Accumulated Benefit Obligation, End of Year Weighted Average Assumptions Used in Determining Benefit Obligations Discount Rate Interest Creating Rate Rate of Compensation Increase Rate of Compensation Increase	289,476,091 4.10% NA 7.00% to 3.00%
Change in Plan Assets Market Value of Assets. Beginning of Year Business Combinations and Divestitures Business Commonsters Payroli Company Transfers Actual Return on Assets (Net of Expenses) Payroli Company Transfers Barefit Pari Employer Contributions Barefit Pari Barefit Pari Market Value of Assets, Eur of Year	0 342,907,563 0 816,160 10,000,000 10,000,000 10,000,000 10,000,00
Funded Status, End of Year Amounts Recognized in the Statement of Financial Position Nencument Assets Current Labiblies Net Benefit Asset(Llability) at End of Yeer Net Benefit Asset(Llability) at End of Yeer	2,502,390 2,502,390 0 0 0 2,502,390 2,2502
Amounts Recognized in Accumulated Other Comprehensive Income Net Transition Obigation(Asset) Prior Service Costi(Credit) Net Actuarial Loss(Gain) Total	0 (10.284.107) 146. <u>828.012</u> 136.543.905
EXPECTED CASH FLOWS Expected Employer Benefit Payments (Net of Part D Subsidy) 2018 2019 2020 2020 2021	23,566,014 21,887,641 21,485,929 20,887,988 22,843,1948 22,843,194
Expected Company Contributions	11,000,000

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### Section 1: Year End 2016 Footnote Disclosures Duke Energy - Retirement Plan of Piedmont Natural Gas

### Retirement Plan of Piedmont Natural Gas

Payroll Company	Piedmont Natural Gas Company / Plan Total <u>PNG</u>
Components of Net Periodic Benefit Cost	
Service Cost	2,014,529
Expected Administrative Expenses	89,376
Interest Cost	2,102,274
Expected Return on Plan Assets	(3,799,959)
Amortization of Net Transition Obligation/(Asset)	0
Amortization of Prior Service Cost/(Credit)	(366,262)
Amortization of Net Actuarial Loss/(Gain)	1,897,497
Settlement and Special Termination Benefit Charge/(Credit)	2,597,592
Net Periodic Benefit Cost	4,525,047
Other Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive income	
Business Combinations/Divestitures - Net Actuarial Loss/(Gain)	153,054,751
Business Combinations/Divestitures - Prior Service Cost/(Credit)	(10,650,369)
Goodwill Adjustments	(10:000,000)
Net Actuarial Loss/(Gain)	(1,741,650)
Amonization of Net Actuariat (Loss)/Gain	(4,485,089)
Prior Service Cost/(Credit)	C C
Amortization of Prior Service (Cost)/Credit	366,262
Amortization of Net Transition (Obligation)/Asset	0
Total Recognized in Other Comprehensive Income	136,543,905
Total Recognized in Net Periodic Benefit Cost and Other Comprehensive	
income	141,068,952
Estimate of Amounts that will be Amortized Out of Accumulated Other	
Comprehensive Income Into Net Periodic Benefit Cost in 2017	
Net Transition Obligation/(Asset)	0
Prior Service Cost/(Credit)	(2,197,570)
Net Actuarial Loss/(Gain)	12,679,538
Total	10,481,968
Weighted Average Assumptions	
Used in Determining Cost	
Discount Rate	3.80%
Interest Crediting Rate	N/A
Expected Return on Plan Assets	6,75%
Rate of Future Compensation Increases	7.00% to 3.00%
Measurement Date(s)	10/31/2016

Section 1: Year End 2016 Foomote Disclosures Duke Energy - Dute Energy Executive Cash Balance Man

<u>Duke Energy Ekecutive Cash Balance Plan</u>

Ptan Total	137,670,705 0		8,830,250 8,830,250		(50070C.5)	193,180,146	133,186,186		4, 10% N/A	NIA	910216771	86	•	• •	21,761,693	(21.761,690)	0	(193,186,186)	•	(17,666,121) (175,520,065)	(193,166,126)	0 (8.987642)	52,991,515	44,004,173		15,024,589 14,044,589 13,980,983	13,408,695 13,408,695 13,409,910 64,154,825	
Duke Energy Florida 802	4,366,093		70,101	0	0	4,652,146	4,652,145		4:10% N/A	YN		00	•	<b>e</b> 9	0 167,731	0 (167,723)	0	(4,652,146)	۰	(172,075) (4,480,071)	(4,652,146)	0 (\$ 126.098)	1,906,136	200,007		100/02/1 178/6/1	181,338 178,541 1,254,322	
üuke Energy Prograss <u>Fül</u>	7,194228	0 0 22	32/427			7,936.536	965'965'2		4.10% NIA	AN NA	0107112771	••	0	• •	0 269.711	(269.711)	٥	(J. 326,536)	o	(128.007) (7.608.529)	(J. 936.536)	0 0	260,545)	(719,476)		222,541 229,541 296,015	327,642 327,642 1,579,509	
Slute Energy Discontinued Oper. ( <u>056</u>	17,432,471 0 0		750,566	0		16,114,794	16,114,794		ALTON NIA	N/A	6 117 11 217	8	•	••	2,300.745	(2,301,745) D	¢	(16,114,794)	•	(14,736,794)	(16,114,794)	0 (56) 99)	3.085.144	3,018,945	100 300 -	1,405,965	1,241,676 1,452,867 5,637,5699	
Duke Energy Inlernational <u>600</u>	204933 0	2,00	21,408			\$21,224	521,224		4.10% N/A	N/N			•		192'62	(155,67)	o	(521.224)	Ð	(113,045) (406,176)	(\$21,224)	0 (621.61)	(452,478)	(562,207)		71.108 201.05	102,154 60,948 143,547	
.e Energy Kentucky <u>535</u>	0 0		5,967		00	140,435	140,435		4.10% N/A	VIN		50			10,571	(10,571)	0	(140.435)	o	(10,050)	(140,435)	00	51,060	21,060	1400	10,555 10,555	10,495 10,448 50,850	
Duke Energy Indiana Duke Energy Kentucky 529	0 0 0		207,233		(M65'07)	199'091'0	3,133,661		4.10% N/A	AN				••	002,005	0	-	(199)(12)(12)	•	(325,834)	(100)001(10)	0 (55,002)	(967,463)	11.055.485)		319,645 319,645 306,841	201,745 201,002 1,229,914	
Ouke Energy Ohio	0 0 0 0		162,708	0.22	• •	3,729,485	3,729,485		4.10% AVA	AIN			0	• •	006°EZE	(066°EZC)	•	(3.729,485)	o	(307,422)	(35,435,627,6)	0 (25/2)	629 741	627,169		306,012 305,012	259,020 294,516 294,512	
Duke Energy Commercial Enterprises, Inc. <u>501</u>	4,799,786	202	212,212	0	(262,658)	3,635,019	3,635,019		4,10% NVA	AW Stocker		••			10,295,295	- 0 (105/862)	•	(3,635,019)	a	(118,228) (3,416,791)	(3,635,019)	0 1022,1121	069 001	[416,643]	532 CC	215,500 215,500 225,949	259,750 354,720 1,348,452	
uke Energy Business Services 110	147,653,430	0	6,287,653 (16,097,094)	0	(1,982,496) 0	138,750,650	134,750,650		4. 10% VA	VIN		90		••	000,000,000	(16,090,084)		(138,750,650)	O	(125,694,680)		0 (67.570)	43 549 115	0971417E	13 075 044	9510,094	9,157,943 9,566,814 46,764,743	
Duke Energy Carolinaa <u>100</u>	15,968,469 0		708,038		8.715	14,522,236	14,522,236		4.10% AVA	N/N		<b>6</b> 0			210,729,1	0.527,012	o	(14,522,234)	Ð	(12,475,051)	(14,522.236)	0 (341,245)	5,280,435	25,139,150	ICC WAY C	2,000,731 1,785,750 1,528,328	1,537,051 1,266,772 5,340,620	
Partoli Company Anno 10 Anno 10	e name in receivent courgements Benefic Childram Bergroung of Yaar Benainess Compliations and Diversitiures	Fan-Jor Fan Turness Payod Company Transfers Second Fan	Interest Cost Cross Barde	Plan Participants' Contributions	Partment down for and four for the former of	Benefit Obligation, End of Year	Accumulated Benefit Obligation, End of Yes	Weighted Average Assumptions Used in Determining Benefit Okigations	Discount Rate Interest Oradision Rate	Rate of Componisation increase		Change in Plan Assets Manket Value of Aassts, Beginning of Year Business Combinations and Orestatures	Plan-to-Plan Transfect	Payrol Company Translets Actual Return on Assats (Net of Expensus)	Flan Flartscherzeres Contributions Erropisyor Contributions	Banefits Paid Impact of Sergiamonts and Curtaiments	Market Value of Assets, End of Year	Funded Status, End of Year	Amounts Recognized in the Statement of Financial Position Noncurrent Assets	Current Liabéités Noncurrent Liabéités	Net Bencht Asseul (Liebildy) at End of Year	Arrounds Recognized in Accumulated Other Comprehensive Incom Not Tamiston Obbioin(Auset) Ploi Service CostVCreefo	Net Actuenal Losse/(Gain)	Tata	EXPECTED CASH FLOWS Expected Employer Benefit Payments (Net of Part D Subsidy 2017	2018 2018 2019	2020 2015 2015-2016	

18,024,539

175,567

139'EE

1,405,965

15,340

10,564

332,446

133,610

253,657

13,025,044

2,086,731

Expected Company Contributions

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## <u>Duke Energy Executive Cash Balance Plan</u>

bute Envrgy Minued Ower, Duke Envergy Progress, Duke Envergy Florida 1050, 801	56, 385 27, 227 0 0	(1)540) (1)540 (1)57415 (1)5740 (1)574	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		585,065 812,015 433,786	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	KUPA KUPA KUPA KUPA KUPA KUPA KUPA AN KU KU KUPA KU KU KUPA KUPA KUPA KUPA KUPA KUPA KUPA KUPA KUPA KUPA KUPA KUPA KUPA KUPA
Duke Energy International Disco		0 (15,648) 4,707 (5,5,648) 10,669 (23,373) - 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	110'611 <u>0</u>	9C3/54 522'01	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4.0% 4.0% 4.0% 4.0% NA RA NA RA 1,21712015 1,2170015 1;
Duke Energy Indiana Duke Energy Kentucky <u>535</u>		7,468 54,000 	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		(1,365,652) 10	0 (16,2,0,0 [16,2,999]	HEEK ANA ANA ANA ANA ANA ANA ANA ANA ANA AN
Duke Energy Commercial Enterprises, the. Duke Energy Ohio <u>50</u> 1 <u>50</u> 3	-	(45,574) 2,589 100,051 59,939 343,951 235,239 -	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		(966,230)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4.40% 4.40% NA KA NA NA NA NA NA NA NA NA NA NA NA
Duke Energy Business Services <u>110</u>		6 (667,528) 4 4,233,562 5 11,236,525	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		7,150,304	0 0 (1.2.1.207) 9 (1.2.1.207) 1.2.514.750 5 2.514.750	жан, 2,00,2, 2,00,1,0,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1
Duke Energy Carolinas <u>1</u> 01	422,140 422,140 702,002 0 0	(20,586) 619,644 	Cher Changer IIn Plan A setu and Benefit Obligation Recognized in Chen Comprehensive Income Comprehensive Contributions Provided and Lossification Contribution Contributions Physics Cost/Conedit Gamma Contribution Contribution Physics Cost/Conedit Gamma Contribution Contribution Intel Annual LeastCation Intel Annual Contribution Contribution Contribution	05	Total Recogniced in Nat Periodic Benefit Cost and Other Compretensive Income	ta turnue a protocer trans the a many circumstee outer a cammade outer a transmission of the Periodic Benefit Cost III, 2377 0 0 141 Familion (1994) 141 Cost III, 2377 0 141 Cost III, 2377 0 141 Cost III, 2478 0 141 Cost IIII, 2478 0 141 Cost III, 2478 0 141 Co	WD-5 NA NA NA NA
		Armitization of Priot Service Cost([Leati]) Andrecision of the Administ Losa/(Gain) Sentement and Special Termination Benefit Charge/(Coudi) Net Periodic Banatit Cost	Cher Changer in Plan Assets and Barelit Obligation Raceag Business Controlmention Research and Barelit Obligation Business Controlmentionensub-weathers - Net Xeturial Loss(Candi) Gashard Agatoment Dreastones - Philor Sanvica Cont(Cond) Research Adament Loss (Candi) Research Advected (Last)Candi) Research Advected (Last)Candi File Sanvica Cont(Cond)	1	Other Co	tstimmer at Amountstructwork was knowned our on second und comprehensive intermer into HH, Periodic Benefit Cost in 2017 Na Fransisco Cabignion (Aure) Piar Serves Cout(Creed) Hat Actuation (Low(Cain) Piar Serves Cout(Creed) Piar Serves Cout(Creed)	

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### Progress Energy Supplemental Senior Executive Retirement Plan

	Duke Energy Business			
Payroll Company	Services 110	Duke Energy Progress <u>801</u>	Duke Energy Florida 802	Pian Totai
Change in Benefit Obligation				
Benefit Obligation, Beginning of Year	31,098,653	25,720,258	6,073,110	62,892,020
Business Combinations and Divestitures	0	0	0	D
Plan-to-Plan Transfers	0	0	0	0
Payroll Company Transfers	0	0	D	Ď
Service Cost	ō	õ	D	ã
Interest Cost	1,309,308	1,081,728	256,871	2,647,907
Gross Benefits Paid	(2,762,325)	(2,378,908)	(480,473)	(5,621,706)
Plan Participants' Contributions	(2,102,020)	(2,510,500)	(400,473)	(0,021,700)
Plan-to-Plan Transfers				-
	1,149,451	1,119,815	210,078	2,479,344
Payroll Company Transfers	0	D	0	0
Impact of Settlements and Curtailments	0	0	0	0
Benefit Obligation, End of Year	30,795,086	25,542,893	6,059,586	62,397,565
Accumulated Benefit Obligation, End of Year	30,795,086	25,542,893	6,059,586	62,397,565
Weighted Average Assumptions				
Used in Determining Benefit Obligations				
Discount Rate	4.10%	4,10%	4.10%	4.10%
Interest Crediting Rate	N/A	N/A	N/A	N/A
Rate of Compensation Increase	N/A	N/A	N/A	N/A
Measurement Date(s)	12/31/2016	12/31/2016	12/31/2016	12/31/2016
Change in Plan Assets				
Market Value of Assets, Beginning of Year	0	0	0	0
Business Combinations and Divestitures	0	0	0	ō
Plan-to-Plan Transfers	D	a	a	0
Payroll Company Transfers	0	0	0	Ó
Actual Return on Assets (Net of Expenses)	ō	ő	ő	0 0
Plan Participants' Contributions	õ	õ	ũ	ů
Employer Contributions	2,762,325	2,378,908	480,473	5,621,706
Benefits Paid	(2,762,325)	(2,378,908)	(480,473)	(5,621,706)
Impact of Settlements and Curtailments	(2,702,323)	(2,370,800) D		(5,621,706)
Market Value of Assets, End of Year		<u>0</u> -	0	0
Market Value of Assets, End of Yea)	U	U	Ū	0
Funded Status, End of Year	(30,795,086)	(25,542,893)	(6,059,586)	(62,397,565)
Amounts Recognized in the Statement of Financial Position	_	_		
Noncurrent Assets	0	0	0	0
Current Liabilities	(2,653,567)	(2,241,933)	(465,412)	(5,360,912)
Noncurrent Liabilities	(28,141,519)	(23,300,960)	(5,594,174)	(57,036,653)
Net Benefit Asset/(Liability) at End of Year	(30,795,086)	(25,542,893)	(6,059,586)	(62,397,565)
Amounts Recognized in Accumulated Other Comprehensive Income				
Net Transition Obligation/(Asset)	0	0	0	0
Prior Service Cost/(Credit)	0	0	Q	0
Net Actuarial Loss/(Gain)	11,700,195	7,599,258	371,374	19,670,837
Total	11,700,195	7,599,258	371,374	19,670,837
EXPECTED CASH FLOWS				
Expected Employer Benefit Payments (Net of Part D Subsidy)				
2017	2,707,419	2,287,431	474,857	5,469,707
2018	2,665,314	2,225,889	470,484	5,361,687
2019	2,618,850	2,160,211	465,591	5,244,652
2020	2,567,539	2,090,543	460,115	5,118,197
2021	2,510,859	2,017,062	453,982	4,981,903
2022-2026	11,480,289	8,931,731	2,148,865	22,560,885
Expected Company Contributions	2,707,419	2,287,431	474,857	5,469,707

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### Section 1: Year End 2016 Footnote Disclosures Duke Energy - Progress Energy Supplemental Senior Executive Retirement Plan

### Progress Energy Supplemental Senior Executive Retirement Plan

Payroll Company	Duke Energy Business Services <u>110</u>	Duke Energy Progress <u>801</u>	Duke Energy Florida <u>802</u>	Plan Total
Components of Net Periodic Benefit Cost				
Service Cost	0	0	0	0
Expected Administrative Expenses	0	0	o	0
Interest Cost	1,309,308	1,081,728	256,871	2,647,907
Expected Return on Plan Assets	0	0	0	0
Amonization of Net Transition Obligation/(Asset)	0	Ð	0	0
Amortization of Prior Service Cost/(Credit)	0	0	0	0
Amortization of Net Actuarial Loss/(Gain)	922,835	566,734	14,108	1,503,677
Settlement and Special Termination Benefit Charge/(Credit)	0	0	0	0
Net Periodic Benefit Cost	2,232,143	1,648,462	270,979	4,151,584
Other Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Income				
Business Combinations/Divestitures - Net Actuarial Loss/(Gain)	0	0	0	0
Business Combinations/Divestitures - Prior Service Cost/(Credit)	0	0	0	O
Goodwill Adjustments	0	0	0	0
Net Actuarial Loss/(Gain)	1,149,451	1,119,815	210,078	2,479,344
Amortization of Net Actuarial (Loss)/Gain	(922,835)	(566,734)	(14,108)	(1.503,677)
Prior Service Cost/(Credit)	0	0	0	0
Amortization of Prior Service (Cost)/Credit	U	U O	0	0
Amortization of Net Transition (Obligation)/Asset Tota! Recognized in Other Comprehensive Income	226,616	553.081	195.970	975.667
Total Recognized in Onlet Complementate income	220,010	JJJ,001	195,970	910,001
Total Recognized in Net Periodic Benefit Cost and Other				
Comprehensive income	2,458,759	2,201,543	466,949	5,127,251
Estimate of Amounts that will be Amonized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017				
Net Transition Obligation/(Asset)	0	0	0	0
Prior Service Cost/(Credit)	0	0	0	D
Net Actuarial Loss/(Gain)	990,507	643,334	31,440	1,665,281
Total	990,507	643,334	31,440	1,665,281
Weighted Average Assumptions Used in Determining Cost Discount Rate	4.40%	4.40%	4,40%	4.40%
Interest Crediting Rate	N/A	N/A	N/A	N/A
Expected Return on Plan Assets	N/A	N/A	N/A	N/A
Rate of Future Compensation Increases	N/A	N/A	N/A	N/A
Measurement Date(s)	12/31/2015	12/31/2015	12/31/2015	12/31/2015
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### Section 1: Year End 2016 Footnote Disclosures Duke Energy - Florida Progress Corporation Supplemental Executive Retirement Plan & Nondiscrimination Plan

### Florida Progress Corporation Supplemental Executive Retirement Plan & Nondiscrimination Plan

Payroll Company	Duke Energy Business Services	Duke Energy Florida	Florida Progress Corporation and Progress Fuels Corporation	Plan Total
- Elion Company	<u>110</u>	802	oorporation	
Change in Benefit Obligation				
Benefit Obligation, Beginning of Year	2,315,171	35,559,191	33,169,041	71,043,404
Business Combinations and Divestitures Plan-to-Plan Transfers	0	0	0	0
Payroll Company Transfers	. 0	0	o o	0
Service Cost		ő	ő	0
Interest Cost	100,967	1,506,908	1,410,576	3,018,451
Gross Benefits Paid	0	(2,683,197)	(2,321,039)	(5,004,236)
Plan Participants' Contributions	0	0	0	0
Actuarial Loss/(Gain)	74,942	1,400,207	1,372,676	2,847,826
Plan Amendments	0	0	0	٥
Impact of Settlements and Curtailments	2,491,081	35,783,110	33,631,254	0
Benefit Obligation, End of Year	2,491,001	33,783,110	33,031,234	71,905,445
Accumulated Benefit Obligation, End of Year	2,491,081	35,783,110	33,631,254	71,905,445
Weighted Average Assumptions				
Used in Determining Benefit Obligations			4 40%	
Discount Rate	4.10% N/A	4.10% N/A	4.10% N/A	4.10%
Interest Crediting Rate Rate of Compensation Increase	N/A N/A	N/A	N/A	N/A N/A
Measurement Date(s)	12/31/2016	12/31/2016	12/31/2016	12/31/2016
Change in Plan Assets				
Market Value of Assets, Beginning of Year	0	0	0	0
Business Combinations and Divestitures	0	0	0	0
Plan-to-Plan Transfers Payroll Company Transfers	0	0	0	0
Actual Return on Assets (Net of Expenses)	0	0	0	0
Plan Participants' Contributions	ő	0	ő	0
Employer Contributions	D	2,583,197	2,321,039	5,004,236
Benefits Paid	0	(2,683,197)	(2,321,039)	(5,004,236)
Impact of Settlements and Curtailments	0	0	0	0
Market Value of Assets, End of Year	0	0	0	0 ·
Funded Status, End of Year	(2,491,081)	(35,783,110)	(33,631,254)	(71,905,445)
Amounts Recognized in the Statement of Financial Position Noncurrent Assets	0		O	-
Current Liabilities	(91,356)	0 (2,607,638)	(2,195,367)	0 (4,894,361)
Noncurrent Liabilities	(2,399,725)	(33,175,472)	(31,435,887)	(67,011,084)
Net Benefit Asset/(Liability) at End of Year	(2,491,081)	(35,783,110)	(33,531,254)	(71,905,445)
· · · · · · · · · · · · · · · · · · ·				
Amounts Recognized in Accumulated Other Comprehensive Income Net Transition Obligation/(Asset)	D	0	0	
Prior Service Cost/(Credit)	0	0	0	0 0
Net Actuarial Loss/(Gain)	2,048,495	10,108,854	4,568,809	16,726,158
Total	2,048,495	10,108,854	4,568,809	16,726,158
EXPECTED CASH FLOWS Expected Employer Benefit Payments (Net of Part D Subsidy)				
2017	93,210	2,660,558	2,239,920	4,993,688
2018	144,656	2,635,470	2,201,530	4,981,656
2019	144,173	2,607,450	2,170,057	4,921,680
2020 2021	143,661	2,578,839	2,139,583	4,862,083
2021	143,116 705,835	2,546,544	2,104,132	4,793,792
2022-2020	703,835	12,094,054	10,020,101	22,819,990
Expected Company Contributions	93,210	2,660,558	2,239,920	4,993,688

### Section 1: Year End 2016 Footnote Disclosures Duke Energy - Florida Progress Corporation Supplemental Executive Retirement Plan & Nondiscrimination Plan

### Florida Progress Corporation Supplemental Executive Retirement Plan & Nondiscrimination Plan

Payroll Company	Duke Energy Business Services <u>110</u>	Duke Energy Florida <u>802</u>	Florida Progress Corporation and Progress Fuels Corporation	Plan Total
Components of Net Periodic Benefit Cost				
Service Cost	0	D	Q	0
Expected Administrative Expenses	0	0	0	0
Interest Cost	100,967	1,506,908	1,410,576	3,018,451
Expected Return on Plan Assels	0	D	D	
Amortization of Net Transition Obligation/(Asset)	0	D	0	Ó
Amortization of Prior Service Cost/(Credit)	0	0	Ď	Ď
Amortization of Net Actuarial Loss/(Gain)	116,247	523,639	194,292	836,178
Settlement and Special Termination Benefit Charge/(Credit)	D	0	0	0
Net Periodic Benefit Cost	219.214	2.030.547	1.604.868	3,854,629
Other Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Income Business Combinations/Divestitures - Net Actuarial Loss/(Gain) Business Combinations/Divestitures - Prior Service Cost/(Credit) Goodwill Adjustments	0 0 0	D D D	0 0 0	0 0 0
Net Actuarial Loss/(Gain)	74,942	1,400,207	1,372,676	2,847,826
Amortization of Net Actuarial (Loss)/Gain	(118,247)	(523,639)	(194,292)	(835, 178)
Prior Service Cost/(Credit)	0	0	0	0
Amortization of Prior Service (Cost)/Credit	0	0	0	0
Amortization of Net Transition (Obligation)/Asset	0	0	0	0
Total Recognized in Other Comprehensive Income	(43,305)	876,568	1,178,384	2,011,648
Total Recognized in Net Periodic Benefit Cost and Other				
Comprehensive income	175,909	2,907,115	2,783,252	5,866,277
Estimate of Amounts that will be Amontized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017				
Net Transition Obligation/(Asset)	0	0	٥	D
Prior Service Cost/(Credit)	0	0	0	0
Net Actuariat Loss/(Gain)	122,406	604,046	273,005	999,457
Totai	122,406	604,045	273,005	999,457
Weighted Average Assumptions Used in Determining Cost Discount Rate Interest Crediting Rate Expected Return on Plan Assels Rate of Future Compensation Increases	4.40% N/A N/A N/A	4.40% N/A N/A	4.40% N/A N/A	4.40% N/A N/A
Measurement Date(s)	12/31/2015	12/31/2015	12/31/2015	12/31/2015

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### Section 1: Year End 2016 Footnote Disclosures Duke Energy - Piedmont Natural Gas Company Nonqualified Retirement Plans

### Piedmont Natural Gas Company Nongualified Retirement Plans

Payroli Company	Piedmont Natural Gas Company / Plan Total PNG
Change in Benefit Obligation	<u> </u>
Benefit Obligation, Beginning of Year	0
Business Combinations and Divestitures	4,596,230
Plan-to-Plan Transfers	0
Payroll Company Transfers	Ď
Service Cost	0
interest Cost	27.536
Gross Benefits Paid	(83,958)
Plan Participants' Contributions	(00,000)
Actuarial Loss/(Gain)	(71,311)
Plan Amendments	(1,517)
Impact of Settlements and Curtailments	ŏ
Benefit Obligation, End of Year	4,458,497
Seneal Onigation, End of Lear	4,400,457
Accumulated Benefit Obligation, End of Year	4,468,467
Weighted Average Assumptions	
Used in Determining Benefit Obligations	4 4 9 91
Discount Rate	4.10%
Interest Crediting Rate	N/A
Rate of Compensation Increase	N/A
Measurement Date(s)	12/31/2016
Change in Plan Assets	
Market Value of Assets, Beginning of Year	0
Business Combinations and Divestitures	0
Plan-to-Plan Transfers	0
	-
Payroll Company Transfers	. 0
Actual Return on Assets (Net of Expenses)	0
Plan Participants' Contributions	0
Employer Contributions	83,958
Benefits Paid	(83,958)
Impact of Settlements and Curtailments	0
Market Value of Assets, End of Year	0
Funded Status, End of Year	(4,458,497)
Amounts Recognized in the Statement of Financial Position	
Noncurrent Assets	0
Current Liabilities	(483,168)
Noncurrent Liabilities	(3,985,329)
Net Benefit Asset/(Liability) at End of Year	(4,468,497)
Amounts Recognized in Accumulated Other Comprehensive Income	(1,100,107)
Net Transition Obligation/(Asset)	0
Prior Service Cost/(Credit)	0
Net Actuarial Loss/(Gain)	1,440.045
Total	
rotai	1,440,045
EXPECTED CASH FLOWS	
Expected Employer Benefit Payments (Net of Part D Subsidy)	
2017	492,974
2018	474,834
2019	455,087
2020	433,350
2021	411,588
2022-2026	1,584,159

### Expected Company Contributions

492,974

### Section 1: Year End 2016 Footnote Disclosures Duke Energy - Piedmont Natural Gas Company Nonqualified Retirement Plans

### Piedmont Natural Gas Company Nonqualified Retirement Plans

Service Cost 0 Expected Administrative Expenses 0 Expected Administrative Expenses 0 Expected Administrative Expenses 0 Ameritzation of Net Transition Obligation/(Asset) 0 Ameritzation of Net Transition Obligation/(Asset) 0 Ameritzation of Net Actuarial Loss/(Credit) 0 Ameritzation of Net Actuarial Loss/(Credit) 0 Net Periodic Benefit Cost 0 Other Changes in Plan Assets and Benefit Obligation Recognized in 0 Other Changes in Plan Assets and Benefit Obligation Recognized in 0 Other Comprehensive Income 3 Business Combinations/Divestitures - Net Actuarial Loss/(Gain) 1,526,461 Susiness Combinations/Divestitures - Net Actuarial Loss/(Gain) 1,526,461 Susiness Combinations/Divestitures - Net Actuarial Loss/(Gain) 1,526,461 Susiness Combinations/Divestitures - Net Actuariat Loss/(Gain) 1,526,461 Susiness Combinations/Divestitures - Net Actuariat Loss/(Cain) 1,526,461 Supervise Cost/Credit 0 Amortization of Net Actuariat (Loss)/Gain 1,151 Total Recognized in Other Comprehensive Income 1,440,046 Fotal Recognized in Net Periodic Benefit Cost and Other Comprehensive Income 1,482,666 Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017 Vet Transition Obligation/(Asset) 0 Prior Service Cost/Credit 99,953 Net Actuariat Loss/(Gain) 99,953 Net Actuariat Loss/(Gain) 99,953 Net Actuariat Loss/(Gain) 199,953 Net Actuariat Loss/(Cain) 199,953 Net Actuariat Loss/(Cain) 199,953 Net Actuariat Loss/(Cain) 199,953 Net Act	Payroll Company	Piedmont Natural Gas Company / Plan Total <u>PNG</u>
Expected Administrative Expenses       0         Interest Cost       27,536         Expected Return on Plan Assets       0         Amoritzation of Net Transition Obligation/(Asset)       0         Amoritzation of Net Actuarial Loss/(Gain)       0         Mandrization of Net Actuarial Loss/(Gain)       0         Settlement and Special Termination Densfit Charge/(Credit)       0         Vet Periodic Benefit Cost       42,640         Other Changes in Plan Assets and Benefit Obligation Recognized in       0         Direr Comprehensive Income       0         Business Combinations/Divestitures - Net Actuarial Loss/(Gain)       1,526,461         Susiness Combinations/Divestitures - Net Actuarial Loss/(Cedit)       0         Society Actuarial Loss/(Cain)       (1,5104)         Yarofization Of Net Actuarial (Loss)/Gain       (15,104)         Yarofization Of Net Actuarial (Loss)/Gain       (15,104)         Yarofization Of Net Actuarial (Loss)/Gain       (15,104)         Yarofization Of Net Transition (Obligation)/Asset       0         Ortal Recognized in Other Comprehensive Income       1,440,046         Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Income       1,482,686         Estimate of Amounts that will be Amoritized Out of Accumulated Other       0         Comprehensive Inc	Components of Net Periodic Benefit Cost	
Interest Cost 27,536 Expected Return on Plan Assets 0 Amortization of Prior Service Cost/(Credit) 0 Amortization of Prior Service Cost/(Credit) 0 Amortization of Prior Service Cost/(Credit) 0 Net Periodic Benefit Cost 0 Other Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Income 2 Susiness Combinations/Divestitures - Net Actuarial Loss/(Gain) 1,526,461 Susiness Combinations/Divestitures - Net Actuarial Loss/(Gain) 1,526,461 Susiness Combinations/Divestitures - Prior Service Cost/(Credit) 0 Goodwill Adjustments 0 Amortization of Net Actuarial (Loss)/Gain (71,311) Amortization of Net Actuarial (Loss)/Gain (71,311) Amortization of Net Actuarial (Loss)/Credit 0 Amortization of Net Actuarial (Loss)/Credit 0 Amortization of Net Cost)/Credit 0 Amortization of Net Comprehensive Income 1,440,046 Total Recognized in Other Comprehensive Income 1,440,046 Total Recognized in Other Comprehensive Income 1,442,666 Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017 Vet Transition Objation/(Asset) 0 Prior Service Cost/(Credit) 0 Vet Actuarial Loss/(Gain) 99,953 Total 99,953 Neighted Average Assumptions Used in Determining Cost 0 Discount Rate 1, Assets N/A Expected Return Orlan Assets N/A Rete of Future Comprensation (noreases N/A	Service Cost	0
Expected Return on Plan Assets     0       Amorization of Net Transition Obigation/(Asset)     0       Amorization of Prior Service Cost/(Credit)     0       Amorization of Net Actuarial Loss/(Gain)     15,104       Settlement and Special Termination Benefit Charge/(Credit)     0       Other Changes in Plan Assets and Benefit Obligation Recognized in     42,640       Other Changes in Plan Assets and Benefit Obligation Recognized in     1,526,461       Datiness Combinations/Divestitures - Net Actuarial Loss/(Gain)     1,526,461       Business Combinations/Divestitures - Net Actuarial Loss/(Gain)     0       Net Actuarial Loss/(Gain)     (71,311)       Morritzation of Net Actuarial (Loss)/Gain     (15,104)       Thor Service Cost/(Credit)     0       Amoritzation of Prior Service (Cost)/Credit     0       Amoritzation of Net Transition (Obligation)/Asset     0       Total Recognized in Other Comprehensive Income     1,440,046       Total Recognized in Other Comprehensive Income     1,482,686       Estimate of Amounts that will be Amorized Out of Accumulated Other     0       Comprehensive Income Into Net Periodic Benefit Cost in 2017     0       Vet Actuarial Loss/(Gain)     99,953       Net Actuarial Coss/(Credit)     0       Start of Amounts that will be Amorized Out of Accumulated Other     0       Comprehensive Income Into Net Periodic Benefit Cost in 20	Expected Administrative Expenses	a
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Amerization of Net Actuarial Loss/(Gain) 15,104 Settlement and Special Termination Benefit Charge/(Credit) 0 Other Charges in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Income Business Combinations/Divestitures - Net Actuarial Loss/(Gain) 1,526,461 Susiness Combinations/Divestitures - Prior Service Cost/(Credit) 0 Sodowlit Adjustments 0 Net Actuarial Loss/(Gain) (71,311) Amerization of Net Actuarial (Loss)/Gain (15,104) Prior Service Cost/(Credit) 0 Amerization of Net Actuarial (Loss)/Gain (15,104) Prior Service Cost/(Credit 0 Amerization of Net Transition (Obligation)/Asset 0 Total Recognized in Other Comprehensive Income 1,440,046 Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Income 1,482,686 Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017 Net Transition Obligation/(Asset) 0 Prior Service Cost/(Credit 99,953 Nelghted Average Assumptions Used in Determining Cost Discount Rate 1,482,686 Interest Crediting Rate N/A Expected Relum on Plan Assets N/A Ex	Amonization of Net Transition Obligation/(Asset)	0
Amerization of Net Actuarial Loss/(Gain) 15,104 Settlement and Special Termination Benefit Charge/(Credit) 0 Other Charges in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Income Business Combinations/Divestitures - Net Actuarial Loss/(Gain) 1,526,461 Susiness Combinations/Divestitures - Prior Service Cost/(Credit) 0 Sodowlit Adjustments 0 Net Actuarial Loss/(Gain) (71,311) Amerization of Net Actuarial (Loss)/Gain (15,104) Prior Service Cost/(Credit) 0 Amerization of Net Actuarial (Loss)/Gain (15,104) Prior Service Cost/(Credit 0 Amerization of Net Transition (Obligation)/Asset 0 Total Recognized in Other Comprehensive Income 1,440,046 Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Income 1,482,686 Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017 Net Transition Obligation/(Asset) 0 Prior Service Cost/(Credit 99,953 Nelghted Average Assumptions Used in Determining Cost Discount Rate 1,482,686 Interest Crediting Rate N/A Expected Relum on Plan Assets N/A Ex	Amortization of Prior Service Cost/(Credit)	0
Net Periodic Benefit Cost     42,640       Other Changes in Plan Assets and Benefit Obligation Recognized in        Other Comprehensive Income        Susiness Combinations/Divestitures - Prior Service Cost/(Credit)     0       Susiness Combinations/Divestitures - Prior Service Cost/(Credit)     0       Sodwill Adjustments     0       Vet Actuarial Loss/(Gain)     (71,311)       Amorfization of Net Actuarial Loss//Gain     (15,104)       Prior Service Cost/(Credit)     0       Amorfization of Prior Service (Cost)/Credit     0       Amorfization of Prior Service (Cost)/Credit     0       Amorfization of Net Transition (Obligation//Asset     0       Fotal Recognized in Other Comprehensive Income     1,482,666       Estimate of Amounts that will be Amorfized Out of Accumulated Other     0       Comprehensive Income Into Net Periodic Benefit Cost in 2017     0       Vet Actuarial Loss/(Gain)	Amortization of Net Actuarial Loss/(Gain)	15,104
Net Periodic Benefit Cost     42,640       Other Changes in Plan Assets and Benefit Obligation Recognized in        Other Comprehensive Income        Susiness Combinations/Divestitures - Prior Service Cost/(Credit)     0       Susiness Combinations/Divestitures - Prior Service Cost/(Credit)     0       Sodwill Adjustments     0       Vet Actuarial Loss/(Gain)     (71,311)       Amorfization of Net Actuarial Loss//Gain     (15,104)       Prior Service Cost/(Credit)     0       Amorfization of Prior Service (Cost)/Credit     0       Amorfization of Prior Service (Cost)/Credit     0       Amorfization of Net Transition (Obligation//Asset     0       Fotal Recognized in Other Comprehensive Income     1,482,666       Estimate of Amounts that will be Amorfized Out of Accumulated Other     0       Comprehensive Income Into Net Periodic Benefit Cost in 2017     0       Vet Actuarial Loss/(Gain)	Settlement and Special Termination Benefit Charge/(Credit)	0
Dther Comprehensive Income	Net Periodic Benefit Cost	42,640
Business Combinations/Divestitures - Net Actuarial Loss/(Gain)       1,526,461         Business Combinations/Divestitures - Prior Service Cost/(Credit)       0         Business Combinations/Divestitures - Prior Service Cost/(Credit)       0         Sodwill Adjustments       0         Net Actuarial Loss/(Gain)       (71,311)         Amortization of Net Actuarial (Loss)/Gain       (15,104)         Yor Service Cost/(Credit)       0         Amortization of Net Transition (Obligation)/Asset       0         Total Recognized in Other Comprehensive Income       1,440,046         Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Income       1,482,686         Estimate of Amounts that will be Amortized Out of Accumulated Other       0         Comprehensive Income Into Net Periodic Benefit Cost in 2017       9         Vei Transition Obligation/(Asset)       0         Joiro Service Cost/(Credit)       0         Net Actuarial Loss/(Gain)       99,953         Vei Actuarial Loss/(Gain)       99,953         Veid Merage Assumptions       2.80%         Lose of Lover Comprehension Increases       N/A         Expected Return on Plan Assets       N/A         Rate of Future Compensation Increases       N/A	Other Changes in Plan Assets and Benefit Obligation Recognized in	
Business Combinations/Divestitures - Prior Service Cost/(Credit)       0         Goodwill Adjustments       0         Vet Actuarial Loss/(Gain)       (71.311)         Amortization of Net Actuarial (Loss)/Gain       (15,104)         Prior Service Cost/(Credit)       0         Amortization of Net Actuarial (Loss)/Credit       0         Amortization of Net Cost/(Credit)       0         Amortization of Net Transition (Obligation)/Asset		
Goodwill Adjustments     0       Vet Actuarial Loss/(Gain)     (71,311)       Yrior Service Cost/(Credit)     0       Amortization of Net Actuarial (Loss)/Gain     (15,104)       Yrior Service Cost/(Credit)     0       Amortization of Net Transition (Obligation)/Asset     0       Total Recognized in Other Comprehensive Income     1,440,046       Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Income     1,482,586       Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income     1,482,586       Comprehensive Income Into Net Periodic Benefit Cost in 2017     0       Vet Transition Obligation/(Asset)     0       Prior Service Cost/(Credit)     0       Vet Actuarial Loss/(Gain)     99,953       Vet Actuarial Loss/(Gain)     99,953       Vel Actuarial Cost     3.80%       Interest Crediting Rate     N/A       Expected Relum on Plan Assets     N/A       Rate of Future Compensation Increases     N/A		
Net Actuarial Loss/(Gain)       (71,311)         Amortization of Net Actuarial (Loss)/Gain       (15,104)         Joir Service Costl/Credit       0         Amortization of Prior Service (Cost)/Credit       0         Amortization of Prior Service (Cost)/Credit       0         Cost (Credit)       0         Cost (Credit)       0         Cost (Credit)       0         Cost (Credit)       0         It Recognized in Other Comprehensive Income       1,440,046         Income       1,440,046         Cost (Credit)       0         Comprehensive Income       1,462,665         Estimate of Amounts that will be Amortized Out of Accumulated Other       0         Comprehensive Income Into Net Periodic Benefit Cost in 2017       0         Vel Transition Obligation/(Asset)       0       0         Joir Service Costl(Credit)       0       0         Vel Actuarial Loss/(Gain)       99,953       99,953         Vel Isound Rate       3.80%       1nterest Crediting Rate       3.80%         Interest Crediting Rate       N/A       2xpected Return on Plan Assets       N/A         Rate of Future Compensation (ncreases       N/A		-
Amerization of Net Actuarial (Loss)/Gain (15, 104) Prior Service Cost/Credit; 0 Amortization of Prior Service (Cost)/Credit 0 Amortization of Prior Service (Cost)/Credit 0 Amortization of Net Transition (Obligation)/Asset 0 Total Recognized in Other Comprehensive Income 1,440,046 Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Income 1,482,686 Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017 Vet Transition Obligation/(Asset) 0 Prior Service Cost/(Credit) 0 Prior Service Cost/(Credit) 99,953 Net Actuarial Loss/(Gain) 99,953 Neighted Average Assumptions Used in Determining Cost 0 Discount Rate 0, 2,80% Interest Crediting Rate N/A Expected Return on Plan Assets N/A Rate of Fulure Compensation Increases N/A		=
Prior Service Cost/(Credit) 0 Amortization of Prior Service (Cost)/Credit 0 Amortization of Neir Transition (Obligation)/Asset 0 Fotal Recognized in Other Comprehensive Income 1,440,046 Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Income 1,482,666 Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017 Vet Transition Obligation/(Asset) 0 Yet Actuarial Loss/(Gain) 99,953 Total Service Cost/(Credit) 9 Vet Actuarial Loss/(Gain) 99,953 Weighted Average Assumptions Used in Determining Cost 0 Discount Rate 3,80% Interest Crediting Rate N/A Expected Return on Plan Assets N/A Rate of Fulure Compensation Increases N/A		
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Amorfization of Net Transition (Obligation)/Asset0 Total Recognized in Other Comprehensive Income 1,440,046 Total Recognized in Net Periodic Benefit Cost and Other Comprehensive ncome 1,482,666 Estimate of Amounts that will be Amorfized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017 Vet Transition Obligation/(Asset) D Vinor Service Cost/(Credit) 0 Vinor Service Cost/(Credit) 99,953 Total 99,953 Neighted Average Assumptions Used in Determining Cost 3,80% Interest Crediting Rate N/A Expected Relum on Plan Assets N/A Rate of Future Compensation Intoreases N/A		
Fotal Recognized in Other Comprehensive Income     1,440,046       Fotal Recognized in Net Periodic Benefit Cost and Other Comprehensive ncome     1,440,046       Fotal Recognized in Net Periodic Benefit Cost and Other Comprehensive ncome     1,482,666       Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017     0       Vet Transition Obligation/(Asset)     0       Yet Actuarial Loss/(Gain)     99,953       Keighted Average Assumptions     99,953       Used in Determining Cost     0       Discount Rate     3,80%       Interest Crediting Rate     N/A       Expected Return on Plan Assets     N/A       Rate of Future Compensation Increases     N/A		0
Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Income 1,482,686 Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017 Vel Transition Obligation/(Asset) 0 Prior Service Cost/(Credit) 9 Vel Actuarial Loss/(Gain) 99,953 Total 99,953 Weighted Average Assumptions Used in Determining Cost 0 Discount Rate 3.80% Interest Crediting Rate N/A Expected Return on Plan Assets N/A Rate of Future Compensation Increases N/A		
ncome 1,482,666 Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017 Vet Transition Obligation/(Asset) 0 Vet Actuarial Loss/(Gain) 99,953 forta 99,953 forta 99,953 forta 99,953 Neighted Average Assumptions Used in Determining Cost Discount Rate 3,80% Interest Crediting Rate NVA Expected Return on Plan Assets NVA Rate of Future Compensation increases NVA	fotal Recognized in Other Comprehensive Income	1,440,046
Estimate of Amounts that will be Amorized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017 Vet Transition Obligation/(Asset) D Prior Service Cost/(Credit) D Vet Actuarial Loss/(Gain) <u>99,953</u> Total <u>99,953</u> Velghted Average Assumptions Used in Determining Cost Discount Rate 3.80% Interest Crediting Rate N/A Expected Return on Plan Assets N/A Rate of Future Compensation Increases N/A	Fotal Recognized in Net Periodic Benefit Cost and Other Comprehensive	
Comprehensive Income Into Net Periodic Benefit Cost in 2017         0           Vet Transition Obligation/(Asset)         0           Typic Service Cost/(Credit)         0           Net Actuarial Loss/(Gain)         99,953           Total         99,953           Weighted Average Assumptions         3.80%           Used in Determining Cost         3.80%           Interest Crediting Rate         N/A           Expected Return on Plan Assets         N/A           Rate of Future Compensation Increases         N/A	ncome	1,482,686
Vet Transition Obligation/(Asset)     D       Prior Service Cost/(Credit)     D       Vet Actuarial Loss/(Gain)     99,953       Total     99,953       Weighted Average Assumptions     99,953       Used in Determining Cost     3.80%       Discount Rate     3.80%       Interest Crediting Rate     N/A       Expected Return on Plan Assets     N/A       Rate of Future Compensation Increases     N/A	Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017	
Prior Service Cost/(Credit) 0 Vet Actuarial Loss/(Gain) 99,953 Total 99,953 Weighted Average Assumptions Used in Determining Cost Discount Rate 3.80% Interest Crediting Rate N/A Expected Return on Plan Assets N/A Rate of Future Compensation increases N/A		a
Net Actuarial Loss/(Gain) 99,953 Total 99,953 Weighted Average Assumptions Used in Determining Cost 5 Discount Rate 3,80% Interest Crediting Rate N/A Expected Return on Plan Assets N/A Rate of Future Compensation Increases N/A		
Total 99,953 Weighted Average Assumptions Used in Determining Cost Discount Rate 3,80% Interest Crediting Rate NIA Expected Return on Plan Assets NIA Rate of Future Compensation increases NIA		99.953
Used in Determining Cost Discount Rate 3.80% Interest Crediting Rate N/A Expected Return on Plan Assets N/A Rate of Future Compensation Increases N/A	Total	
Used in Determining Cost Discount Rate 3.80% Interest Crediting Rate N/A Expected Return on Plan Assets N/A Rate of Future Compensation Increases N/A	Weighted Average Assumptions	
Discount Rate     3.80%       Interest Crediting Rate     N/A       Expected Return on Plan Assets     N/A       Rate of Future Compensation Increases     N/A		
Interest Crediting Rate NA Expected Return on Plan Assets N/A Rate of Future Compensation Increases N/A		3 906
Expected Return on Plan Assets NIA Rate of Future Compensation Increases NIA		
Rate of Future Compensation Increases N/A		
	Measurement Date(s)	10/31/2016

## Section 1: Year Ehd 2016 Footnote Disclosures Duke Energy - Legacy Duke and Cinergy Plans - Retiree Medical

<u>Leqacy Duke and</u>

ergy Ohlo <u>503</u>	ard Clinergy Plans - Relifee Medical rgy Ohlo Duke Energy Indiana <u>503</u> <u>52</u> 9	la <u>ms - Refiree Medical</u> Dake Energy Indiana Duke Energy Kentucky <u>238</u>	Duke Energy Internalbonal <u>600</u>	Duka Energy Discontinued Oper. DSC	Duhe Energy Progress . <u>801</u>	Duke En ergy Fiorida <u>502</u>	Plan Totat
	83,198,572	4.706.453	100.267	1,890,777	512 110	205 956	295 142 451
	•	0	•	•	•	0	•
	•	•	•	0			D
	0	241,523	•	G	28,633	50,805	0
	336,947	90,694	2,032	•	9,635	8,448	2,432,867
371,312	3,466,271	816,721	4,087	66,340	27.474	11,261	12,387,875
	(12,586,556)	(486,694)	(43,347)	(400) 755)	•	•	(43,809,860)
	0	0	o	0	0	0	8.2.1
	2,129,040	189,187	10,060	403,942	396	o	12,039,411
	2,594,541	(653'66)	14,582	(2+6')22)	18,440	103,140	15,512,689
	0	0	0	0	0	0	0
	•	(375,941)	•	•	0	0	(1,513,403)
		0	0	0	0	0	0
	79,138,815	4,462,281	196'28	1,922,357	592,158	440,333	292,120,287
	-	o	c	-	-	c	c

		Duka Faertiv Rusinaec	Duke Energy Commercial					Pata Farmo			
Payroll Company	Duke Energy Carolinas 100	Services 110	Entergrisme, Inc. 501	Duke Energy Ohlo 503	Duke Energy Indiana Du 529	Duke Energy Kentucky 536	International 600	Discontinued Oper. Dur	Duke Energy Progress 501	Duke Energy Florida 802	Plan Totat
Change in Benefit Obligation Boodd Other Jone Bootieries of Your	111564 766	1 100 H	N3 34 5	1 90 90 8		- 1 10 F			<u> </u>	5	190 (11) 900
centrin using autor, beginaring of rear Business Combinations and Divestitures					D C	0		0			0
Pan-to-Plan fransiers Pavnul Company Transfers		1 (29,673)		0 (534,411)		241.523			78,633	50.805	
Service Cost	871,000	845,200 201 - 201	30,924	1996,057	336,947	90'63r	2,032	0	9,635	6,448	2,432,867
merest Lost Gross Benefits Paul	(11,567,773)	(15,953,214)	(652,102,1)	(1,610,268)	(12,588,551)	(486,694)	(43,347)	(400,755)	0		(43, 603, 660)
iess: federal Jubsidy on benefits paid Plan Particiourts' Croutributions	92,807 2.899 615		455.502	0 624.001	2.129.040	0 189.187	10.060	0 000	0 998	00	8.257 12 039 411
Actuarial Loss'(Gain)	2,651,863	8,678,062	1,009,217	520,638	2,594,541	(653)(65)	14,582	(246'12)	18,440	103,140	15,512,689
ERRP Receipts (applied agains) Claims Paid) Plan Amendments		0 (513,369)	• •	(E60'E149) 0		0 (375,941)	00		• •	00	0 (504,512,1)
Impact of Settlements and Curtailments Benefit Obigation, End of Year	113,576,068	237,545,87	5,834,340	7,722,192	73,138,815	4,462,281	- 196'19	1,922,357	592,158	440,333	292,120,287
Accumulated Bernefit Obligation, End of Year	o	o	o	٥	٥	0	•	0	•	0	o
Weighted Average Assumptions											
Oscourt Pate	4.10%	4.10%	4,10%	4.10%	4.10%	4.10%	4.10%	4.10%	4.10%	4.10%	4,10%
Increst Creditory Rate Rate of Compensation Increase	AN AN	V/N	A/N N/A	NIA	NA	NUA NUA	NA	NIA	N/A N/A	AN NA	N/A
reach Lare Cost i rend Kale Iniúist Tate Marcha reta	3490°2	7.00%	7.00%	7.00%	7,00%	2,000,7 2487 h	70072	7.00%	7,00%	300°Z	7.007
Version Utimate Years to Utimate Messurement (Date(s)	12/31/2016	12/31/2016	12/31/2016	12/31/2016	6 12/01/2016	12/31/2016	6 12/01/2016	5 12/31/2016	6 12/01/2016	1201/2016	9
Effect of one-percentago-point change in assumed health care cost lrend rate on costrelitement benefic obioatoon	2										
- Incease - Decrease	N/N N/A	NA	N/A N/A	NIA NIA	NIA	NN NIA	N/A N/A	NIA NIA	N/A N/A	NIA NVA	9,714,562 (8,755,311)
Change in Plan Assets Manter Value of Assets Beeineine of Year	505 HC6 201	28,150,237	2,961,092	6.477.263	19,416,926	1,197,677	100,687	4,913,690	356.679	(1908) (1.908)	160,520,845
Business Combinations and Divestitutes		0			0	•	0	0	0	0	0
Plando-Plan Translers Payroli Company Transfers	0 (355,665)	965'885		(575,534)		240,050		90	0,010	080'55	9 9
Actual Return on Assets (Net of Expenses) Blan Dudinands' Costobe store	7,331,403	2,000,453	212,019	461,025 200,134	1 279,274	85,179 180 187	7,174 10.060	120,021 140 mil	25,413 266	(2 <b>6</b> 4)	115,8551,4008 12 (mo 411
Final Factoritation Contributions	8,573,128	10,477,750		970,282	10,002,571	792,676	32,856	(7.165)	198 198		825'462'12
Benefits Paid impact of Settlements and Curlainterds	0		(107/110/1) 0	(B42/010/1)	(0cc/00c/21)	(400,054) 0	(/HC/E4)	(cc./mme)	- o	- a	(40) (40) (40)
Market Velue of Assets, End of Year	109,795,011	30,581,920	3,181,186	6,346,769	20,671,255	1,518,075	107,630	5,259,739	424,570	50,608	177,936,763
Funded Status, End of Year	(3,781,057)	(47,761,842)	(2,653,154)	(1,375,423)	(58,467,560)	(2,544,206)	19,649	286,700,6	(167,588)	(521'686)	(114,183,524)
Arnounts Recognized in the Statement of Financial Position Noncurrent Assets	c	٥	0	0	•	0	0	0	0	o	0
Current Liabilities Noors mant Lishadde	0.1781.057	0 (47 TGt BA35	0	0	0	0	0	0	0	0	0
Net Bernefil Assert(Liability) at End of Year	(120,181,057)	(47,761,842)	(2,653,154)	(1,375,423)	(58,467,560)	(2,944,206)	19,649	ZBC /LET'E	(167,568)	(527, 1994)	(114,182,524)
Arnounts Recognized in Accumulated Other Comprehensive Income Net Transion Obligation/Asset) Prior Service Cost/Credit)	0 (8:2 <u>,27,</u> 8)		0 (112,882,1)	0 (1,951,678)	0 (5,297,035)	0 (1,195,220)	0 45,268	0 (654,713)	0 (6,535)	0 (003,01)	0 (24,760,783)
Nel Actuarial Lossev(Gain)	(46.613.123)	[22,285,612]	(10,556,045)	(15,054,814)	1022 100 69)	UE1 12(87)	(46,080)	(161,193,5)	(56.240)	577,703	(112,860,311)
Toki	[206 <sup>-3000</sup> 300]		(11,225,756)	(18,016,492)	[14,678,805]	(6,009,357)	(812)	(4,217,906)	(62,825)	558,103	(197,621,094)
EXPECTED CASH FLOWS Expected Employer Benefit Payments (Net of Part D Subsidy) 2017	12.325,690	11,583,913	1,527,963	1.199,655	9.941.622	504.345	1423	165 B53	53 639	17 904	<b>36 357</b> 076
2018 2019	12,507,679		1,066,530 827,076	1,014,385 864,994	9,086,293 8,319,723	634,466 470,036	6,735 9,526	595,504	41,982 51,521	21,359	36,286,796
2020 2021 2022	12,184,945 11,838,137 47,094,195	8,105,109 7,506,505 22,055,111	718.544 597,416 1,425,982	771,982 723,728 2,974,756	7,703,165 7,015,023 28,830,942	406.579 411,623 1,845,922	12,748 10,004 37,169	100,467 54,847 133,528	60,932 64,562 293,486	31,280 36,702 254,768	30,025,752 28,259,367 111,945,859
Expected Company Contributions	o	o	•	0	0	o	•	٥	0	•	0

Ng PSC Case No. 2017-0026 AG-DR-01-04 Anna 2017-005 AG-DR-01-04 Anna 2017-05

a 1:	rear End 2016 Footnote Disctosures	Ouke Energy - Legacy Duke and Cinergy Plans - Retiree Medical
Section 1:	Year End 20	Duke Energ)

<u>Legacy Duke and Cinercy Plans - Relinee Medicat</u>

Payroll Company	D. Duke Energy Carolinas <u>100</u>	Duke Energy Business Services 110	Duke Energy Commercial Eriterprises, Inc. <u>501</u>	Duke Energy Ohlo <u>503</u>	Duke Energy Indiana Duke	Duke Energy Kemucky <u>536</u>	Duke Energy Infernational 600	Duke Energy Discontinued Oper, Dub <u>DSC</u>	Duke Energy Progress	Duke Energy Florida <u>802</u>	Plan Total
Espected Subsidies from Medicare Part D 2017 2019 2020 2020 2020 2020 2020 2020	NA NA NA NA NA NA	N N N N N N N N N N N N N N N N N N N	AN AN AN AN AN AN AN AN AN AN AN AN AN A	NA NA NA NA NA NA	NA NA NA NA NA NA	N N N N N N N N N N N N N N N N N N N	nia Nia Nia Nia Nia	NIA NIA NIA NIA NIA	AN NA NA NA NA NA NA NA NA NA NA NA NA NA N	KA KA KA KA KA KA KA KA KA KA KA KA KA K	AN NN NN NN NN NN NN NN NN NN NN NN NN N
Components of Net Periodic Benefit Cost Especto Cast Especto Administrative Expenses Espector Administrative Expenses Espector Return on Plan Asses Americation of Net Actual Load(Cast) Americation of Net Actual Load(Cast) Americation of Net Actual Load(Cast) Americation of Net Actual Load(Cast) Americation of Net Actual Load(Cast) Merication Cost	671,030 671,030 (555,53 (555,53 (55,55 (13,255,1) (13,255,1) (13,255,1)	865,200 3,223,459 (14,502,114) (14,502,114) (10,205,201) (1,1235,201)	30,924 30,924 213,150 (172,479) (11,256,191) (1,256,191) (1,256,191)	199,067 199,07 19	(1945,1228,2) (1946,108,108,108,108,108,108,108,108,108,108	20,834 20,834 197,916 (33,455) (12,368) (12,268)	2,032 2,032 4,387 6,575 5,484 5,484 6,807 6,807 (3,473)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	28.2, 9 17.7, 72 18.8, 82 19.8, 8	8,448 8,448 11,301 868 61,200 61,200 63,422 83,422	2,432,867 2,432,867 0 (10,003,653) (10,000,256) (10,000,256) (26,473,126) (26,473,126)
Other Changes in Plan Assels and Benefit Obligation Recognited in Other Comprehensione Income Basiness CombinetionoUpweitures . Mich Actuarial Loaw(Cant) Basiness CombinetionoUpweitures . Prior Sowee Coav(Cane) Besterss CombinetionoUpweitures . Prior Sowee Coav(Cane) Res Actuarial Load(Sec) Marchanel Actuarial Loas(Sec) Res Actuarial Load(Sec) Res Actuarial Teacies (Casi)Creek Amarchanel on Pran Service (Casi)Creek Amarchanel on Pran Service (Casi)Creek Amarchanel on Pran Service (Casi)Creek Amarchanel on Pran Service (Casi)Creek Amarchanel on Pran Service (Casi)Creek Amarchanel on Pran Service (Casi)Creek Amarchanel on Pran Service (Casi)Creek Amarchanel on Pran Service (Casi)Creek	Hold TR Hold TR CCC_078 ( CCC_078 ( CCCC_078 ( CCC_078 ( CCC	(977,738) (977,738) (977,738) (9727,745 (9727,745) (916,001 (1,916,001) (1,724,115	0 0 1,009,677 1,009,633 11,543 211,543 211,543 2,1152 2,537,153	1,051,033 177,456 177,456 0 455,911 1,966,405 (643,053) 249,262 249,262 3878,906 -	0 2,2565,502 7,804,483 7,804,483 8,85,041 8,85,041 10,846,075	(84, 646) (82, 325) (82, 325) (82, 325) (12, 326) (12, 326) (27, 336) (57, 336)	0 0 13,8963 5,8963 6,8967 6,969 17,306 2	0 200,000 200000000	(33,465) (16,784) (16,784) (15,989 (15,989 (16,784) (15,989) (15,989) (15,989) (15,989) (15,989) (15,989) (15,989) (15,989) (15,989) (15,989) (15,989) (16,784) (16,7	(2011) (2	0 0 0 0 12,202,02 0 0,250 2 0 0,250 2 0 0,250 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Total Recoprized in Mar Periodic Benetit Cast and Other Comprehensive income Estimate of Amounts that will be Amoritized Out or Accumulated Other Recommensative income. Inho Net Periodic Benefit Cost in 2017 For Service Cost(Cost) Prior Service Cost(Cost) Mar Aduatical Cost(Costi)	(1):12(20) (607(2):05(2)) 0 (2012(2)) 0 (2012(2)	9,121,820 9,121,820 (764,509) (2350,631)	242,161,1 0 (694,118) 0 (900,121)	1,815,240 1,815,240 (289,651) (1,603,652) (1,603,672)	5,018,465 5,018,465 6 1836,041 16,477,269 17,313,7249	(227.7.122) 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13,827 0 9,010 9,010 9,010	(629,111) (629,021) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(021,230) 0 (061,230) (061,230) (0,450)	(62) (62) (62,03) (62,03) (62,03) (62,03) (62,03) (62,03) (62,03) (63) (63) (63)	16,940,620 (14,167,217) (16,549,659) (20,666,966)
Weighted Avenge Assumptions Discurd State Discurd State Execution State Expected Return on Pan Assets Expected Return compensation Increases Medical Free Compensation Increases Medical Free Compensation Increases Medical Free Compensation Increases Medical Free Compensation Increases Vens to Unitate Vens to Unitate Messurement Date(s)	40% 40% 650% 650% 750% 475% 12312015	2005 2008 2008 2008 2008 2008 2008 2008	4,40% NA 6,50% 6,50% 7,50% 4,75% 1,251,2015	4,40% NA 6,50% 6,50% 7,50% 7,7	4.40% 4.40% 8.40 8.40% 4.25% 4.75% 1.221(2215	440% NA 650% NA 750% 475% 122112015	4,40% 4,40% 6,50% 6,50% 7,50% 7,75%	208-4 208-4 208-5 209-2 200-200-	4.40% NA 6.50% 6.50% 7.50% 4.75% 7.1201/2015	ACLA ACCA ACCA ACCA ACCA ACCA ACCA ACCA	4.47% NAA 6.50% NAA 7.50% 4.75%
Effect of one-percentage-point change in assumed health care cost to face on aggregate service and inferent cost increase - Decrease	NA	NN NN	NA	N.A N.A	V?N V?N	NA NA	N N N N N N	VN NN	N.N NVA	VIN VIN	494,282 (445,061)

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### Section 1: Year End 2016 Foothote Disclosures Duke Energy - Progress Energy and Florida Progress OPEB (Medical & Dental)

## <u>Progress Energy and Florida Progress OPEB (Medica) & Dental)</u>

Payroll Company Change in Benefit Obilazilon	Duke Energy Carolinas <u>100</u>	Duke Energy Business Services <u>110</u>	Duke Energy Indiana <u>529</u>	Duke Energy Discontinued Oper. <u>DSC</u>	Duke Energy Progress <u>801</u>	Duke Energy Florida 802	Fiorida Progress Corporation	Progress Fuels Corporation	Plan Total
contrainty or the correst source again of the contrainty of the co	2,141,476 0 0	28,439,074 0	005	51,159 0 0	136,513,120 0 0	133,023,222 0 0	669,311 0 0	705,575 0 0	301,542,937 0 0
Tarrent nor routings Provid Company Tansfers Bendre Cost	365,934 17,142 92,224	275,113 78,963 1 199,851		2161	(171,672) 206,346 5.734 626	(469,375) 407,975 5 285 436	0 0 28.156	0 0 76 82	710,425 710,425 12,630
Gross Benefits Paid less, Referal subsidy on benefits paid		00		63,265	(15,638,142) 265,849	(16,356,286) 109,473	00	00	(31,931,163) 375,322
Plan Participants' Contributions Actuarial Losset(Gain)	3,392	0 (1,318,601)	0 4,019	30,725 (97,800)	3,987,052 8,331,015	3,054,228 6,512,095	0 (39,477)	0 965,51	7,072,006
ERRP Receipts (applied against Claims Pald) Plan Amendments 	000	000			000				000
impact of securitients and curtainnerus Benefit Obligation, End of Year	2,620,168	28,674,399	4,019	49,510	139,228,194	131,866,770	657,992	752,283	303,853,335
Accumulated Benefit Obligation, End of Year	0	o	o	0	0	0	0	Ð	0
Weighted Average Assumptions Davin Detrount Rate Discount Rate Interact Contention Busine	4.10% NUA	4.10% MVA	4,10% AVN	%DL.4 KN	4,10% N/A	4.10% NV	4.10% N/A	4.10% N/A	4.10% NVA
rade on cumpananum muteaare hadbh Care Cost Trend Race Induál Trate Ultimate rate	7.00%	7.00%	7.00%	7.00% 4.75%	7.00%	7.00% 4,75%	7.00%	7.00% 4.75%	7,00%
Years to uttimate Measurement Date(s)	6 12/31/2016	6 12/31/2016	6 12/31/2016	6 12/31/2016	6 12/31/2016	6 12/31/2016	6 12/31/2016	5 12/31/2016	5 12/1/2016
Effect of one-percentage-point change in assumed health care cost trend rate on postetitement benefit obligation — norrease — Decrease	NIA	AN NA	NIA NIA	NIA NIA	NA	A <u>I</u> N NIN	NA NIA	N/A N/A	19,036,187 (16,543,768)
Change in Plan Assets Market Vange of Assets Business Combinations, and Near	{16,412} 0	(82,132) 0		(91,523) 0	(672,781) 0	708,733	(6,595) 0	(9,658) 0	(170,365)
Plan-uce Plan Transfers Para-to Plan Transfers Payroll Company Transfers	444 244	0 3,017			342	0 (3,804)			
Actual Return on Assets (Net of Expenses) Plan Participants Contributions Femiower Contributions	(148)	(6C1) 0		(1,374) 30,725 (90,035)	134,441 3,987,052 11,623,507	152,903 3,054,229 13,181,680	(85) 0	( <u>1</u> 00	284,937 7,072,006 24,715 157
Benefits Paid Impact of Settlements and Cortailments	00	00	00	63,265	(15,638,142) 0	(16,356,286) 0	00	00	(31,931,163)
Market Value of Assets, End of Year	(16,116)	(79,854)	o	(88,941)	(565,580)	737,455	(6,654)	(9.743)	(29,432)
Funded Status, End of Year	(2,636,284)	(28,754,253)	(4,019)	(138,451)	(138,793,774)	{131,129,314}	(684,646)	(762,026)	(303,882,767)
Amounts Recognized in the Statement of Financial Position Noncurrent Assets Current Labities Noncurrent Labitides	0 (224,358) (2.411,925)	0 (2,737,619) (26,016,634)	0 0 (4019)	0 (3,923) (134,528)	(13,248,817) (126,544,957) (126,544,957)	0 (13,094,657) (118,034, <u>658</u> )	0 (59,032) (605,614)	(80,452) (80,452) (681,574)	0 (29,448,858) (274,433,909)
Amounta Recognized in Accumulated Other Comprehensive Income Net Transtion Obigation(/Asset)		0	0		0	0		0	0
Prior Service Cost(Credit) Net Actuaria Loss(Gain) Total	(5,583,137) 1,045,317 (4,537,820)	(17,303,653) 7,045,687 (10,257,986)	0 4,018 4,019	(10,480) 367,484 357,004	(53,747,380) 92,291,820 38,544,440	(56,784,788) 56,068,549 9,283,761	(73,380) (72,873) [146,253]	(255,653) (189,614) (445,267)	(133,758,471) 168,560,389 32,801,918
EXPECTED CASH FLOWS Expected Employer Benefit Payments (Net of Part D Subsidy) 2015 2016 2015 2020 2020	228,912 273,896 313,896 340,892 340,892	2,793,176 2,812,374 2,670,397 2,560,295 2,560,295	00000	4,002 3,540 3,8174 3,803	13,517,690 13,647,259 12,212,272 11,251,252	13,360,401 12,864,863 12,604,213 11,579,621 11,549,105	60,230 59,655 59,865 7,875 56,441	82,065 73,997 68,451 69,456 60,336	30,046,495 28,152,954 28,152,036 28,1327,036 28,438,995
2022-2026	1,330,501	10, 152,049	128	17,344	50,260,808	48,637,838	248,354	266, 147	110,913,168
Expected Company Contributions	228,912	2,793,176	o	4,002	13,517,690	13,360,401	60,230	82,085	30,046,495

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### Section 1: Year End 2016 Footnote Disclosures Duke Energy - Progress Energy and Florida Progress OPEB (Medical & Dental)

		Progre	Progress Energy and Fiorida Progress OPEB (Medical & Dental)	<u>gress OPEB (Medical &amp; I</u>	<u>Dertal)</u>				
Payroll Company	Duke Energy Carolinas <u>100</u>	Duke Energy Business Services <u>110</u>	Duke Energy Indiana <u>529</u>	Duke Energy Discontinued Oper. <u>DSC</u>	Duke Energy Progress <u>801</u>	Duke Energy Florida <u>802</u>	Florida Progress Corporation	Progress Fuels Corporation	Plan Total
Espected Subsidies from Medicate Part D 2017 2018 2019 2020 2020 2020	NA NA NA NA NA NA	NNA NNA NNA NNA NNA NNA NNA	NN NN NN NN NN NN NN NN NN NN NN NN	NN NN NN NN NN NN NN NN	N N N N N N N N N N N N N N N N N N N	NN NN NN NN NN NN NN NN NN NN NN NN	NA NA NA NA	NA NA NA NA NA NA NA	N N N N N N N N N N N N N N N N N N N
Components of Net Periodic. Benefit Cost Service Ordination Programs Expected Administrable Expenses Expected Return on Plan Assets Expected Return on Plan Assets Amerization of Net Linable Object (Credit) Amerization of Prior Service Cost(Credit) Amerization of Servical Termantion Benefit Charge (Credit) Net Periods Benefit Ocst	17,112 0 4224 4224 113,641 (5,146,412) 113,64911,649 113,649 113,649 113,649 113,649	78,963 1,199,651 1,199,651 1,19,564,315 1,187,305 (11,295,729)		2 161 2 161 2,746 2,746 67,847 67,847 67,847 59,922	206,346 5,734,676 5,734,678 20,183 20,183 (85,564,209 12,250,959 (48,352,093)	407,975 6,585,438 (21,262,438 (21,262,438 6,717,427 (19,810,623) (19,810,623)	28, 158 0 198 198 (48, 816) (4, 635) (66, 296)	29,374 29,374 280 (312,816) (312,816) (313,310)	710,426 710,426 11,830 5,111 5,111 (125,380,899) 22,300,305 (135,64,227)
Other Changers in Plan Assets and Benefit Obligation Recognized in Other Computerstrive Income Business Combinations/Diverstrines - Net Actuaria Loss/(Gan) Business Combinations/Diverstrines - Net Actuaria Loss/(Gan) Business Combinations/Diverstrines - Prior Service Cost/(Credit) Gooded Adjustments Constration Net Actuariat (Loss)/Osin Net Actuariat (Loss)/Osin Prior Service Cost/(Credit) Prior Service Cost/(Credit) Prior Service Cost/(Credit) Prior Service Cost/(Credit) Armitization of Net Comprehensive Income	219,251 (1,378,336) 3,046 (119,52,336) (119,52,52) 5,145,412 5,145,412 5,145,412 5,145,412 5,145,412 5,145,412	199,604 (1,091,099) (1,1,320,320, (1,1,97,300) (19,764,315 (19,764,315) (19,764,315)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 (59,172) (67,947) (67,947) (12,6120 (154,167)	(067,114) (067,114,102,002,124) (050,022,12) (050,022,12) (050,022,12) (051,144,020,022,020,020,020,020,020,020,020,0	(271,125) 1,834,854 1,834,854 6,380,454 6,380,454 1,717,427 33,500,402 33,500,402 32,727,158	0 0 4,835 4,835 39,815 39,815 39,815 30,35	17, 131 20,056 312,916 312,916 312,916 312,916	0 0 12,121,020 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Income Estimate of Amounts that will be Amorttard Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017 Net Transition Obiognon(Vasel) Net Actuarial Cosst(Canta) Net Actuarial Cosst(Canta) Net Actuarial Cosst(Canta)	6 (1,047,178) (5,347,780) (5,347,780) (5,214,105)	(930,543) 0 (16,343,854) (15,442,861)	4,019 0 514 514	(94,265) (94,265) (10,480) (10,480) 36,513	14,625,396 14,625,396 0 (53,747,880) 11,802,153 (11,802,153)	13,916,332 13,916,332 0 (23,178,015) <u>8,448,756</u> (20,728,259)	(11,260) (01,250) (01,251) (01,251) (02,253)	46,795 0 (255,653) (279,901)	26,509,296 26,509,296 0 21,299,512 21,299,512 (33,657,026)
Weighted Average Assumptions Stool in Demmining Cost Used in Demmining Cost Interact Teading Rate Interact Creding Rate Interact Compensation Increases Rate of Future Compensation Increases Rate of Future Compensation Increases Medical Trend Rate Unionale rate Unionale rate Messurement Date(s)	4.40% N.M. 5.00% N.M. 7.50% 4.75% 1.231/2015	4.40% 4.40% 5.00% N/A N/A 1.50% 4.757 1.204/2015	4.40% 4.40% 5.00% 5.00% 7.756% 4.75% 1.234.12015	4.40% 4.40% 5.00% N/A N/A 2.50% 4.75%	4,40% 4,40% 5,00% NIA 7,50% 4,75% 1,234/2015	40% 60% 50% NA 75% 75%	800.3 800.3 800.3 800.3 800.3 800.3 800.3 800.3 800.3 800.3 800.4 800.3 800.40	4.40% 4.60% 5.00% N/A 7.50% 4.75% 12/21/2015	4.40% NA 5.00% NA 7.50% 4.75%
Effect of one-percentage-point change in assumed health care cost trend rate anggregate service and interest cost - Decrease	NIA	¥Ν Ν	N.N N	NA NA	NA NIA	A N N	A N N	N/A N/A	811,632 (703,908)

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Section 1:	Year End	Duke En	

	Footnote Disclosures	
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It Periodic Benefit Cost are Expresses are Expresses Transformed (Second) Transformed (Second) Actual Transformed (Second) Actual Transformed (Second) Actual Transformed (Second) Actual Transformed (Second) Cost Transformed (Second) Cost Cost Cost Cost Cond Co	Duke Energy Carolinux <u>100</u> 3,568,417 (1,495,424) (1,495,424) (1,490,477 1,900,477 1,900,477 1,900,477 1,900,477 2,214,249 2,205,749 2,205,749 2,205,749 2,205,749 (71,615)	Duke Energy Busitess Servicess 588,653 (470,251) (798,565) (798,565) (798,565) (708,569) (738,569) (738,569) (738,569) (738,569) (738,569) (738,569) (738,569) (738,569) (738,569) (738,569) (738,569)	Commercial Commercial Commercial (19,014) (19,014) (19,014) (19,014) (119,014) (119,014) (119,014) (119,014) (119,014) (119,014) (119,014) (119,014)	Duke Energy Ohio 2000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Duke Energy Indiana 202 203 203 203 203 203 203 203 203 203	Duke Energy Reternational 800 5,866 (1,921) (1,921) 3,570 (1,921) 3,570 (1,921) 3,570 (1,921) 5,427 (1,452) 5,427 (1,452) (1,452)		Duke Energy Progress 801 (2.18) (2.18) (3.16	P.Lm Total P.Lm Total 4, 223,868 (2,022,246) (2,022,246) (2,022,246) (2,022,246) (3,252,476) 1,796,994 1,796,994 (3,255,475) 0 0 1,796,994 0 1,796,994 0 1,796,994 0 1,796,994 0 1,796,994 0 1,796,994 0 1,796,994 0 1,796,994 0 1,796,994 0 0 0 0 0 0 0 0 0 0 0 0 0
Discont Rate Discont Rate Expected Return on Plan Assets (EROA Adjusted for UBIT) Rate of Plane Compensation Increases Massurement Date(s)	4,40% N/A 5.00% N/A	4.40% N/A 5.00% N/A 12/31/2015	4.40% NVA 5.00% NVA 12/31/2015	4.40% N/A 5.00% N/A 12/31/2015	4.40% N/A 5.00% N/A	4,40% N/A 5.00% N/A 1/2/31/2/15	4 40% NIA 5.00% NIA 1231/2015	4.40% NA 5.00% NA 12312015	4.40% N/A 5.00% N/A 12/31/2015.

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### Section 1: Year End 2016 Footnote Disclosures Duke Energy - Legacy Cinergy Plans - Retiree Life

### Legacy Cinergy Plans - Retiree Life

		<u>Lodder</u>	and the second					
Payroll Company	Duke Energy Carolinas 100	Duke Energy Business Services <u>110</u>	Duke Energy Commercial Enterprises, Inc. <u>501</u>	Duke Energy Ohio <u>503</u>	Duke Energy Indiana <u>529</u>	Duke Energy Kentucky <u>536</u>	Duke Energy Discontinued Oper. <u>DSC</u>	Plan Total
Change in Benefit Obligation	73,627	8,783,369	7,366,193	18,780,887	4,679,677	2 425 041	94,794	44 040 200
Benefit Obligation, Beginning of Year Business Combinations and Divestitures	13,827	8,763,368	1,300,193	10,700,887	4,0/9,0//	2,138,241	34,194	41,916,788
Plan-to-Plan Transfers	0	ő	ő	0	0	0	ő	0
Partoll Company Transfers	0	o O	ő	0	U 0	0	ő	· .
Service Cost	0	0	0	0	U 0	0	0	U
Interest Cost	3,181	379,340	309,879	769.840	197,644	90,322	4,092	1,774,298
Gross Benefits Paid	3,161 A	(200,619)	{437,723}	(1,123,080)	(226,125)	(128,286)	(3,031)	
Plan Participants' Contributions	0	(200,013)	{437,723}	(1,123,000)	(220,120)	(120,200)	(0,001)	(2,118,865)
Actuarial Loss/(Gain)	1,779	291,394	(72,749)	(373,399)	(36,770)	(6,986)	5,015	(191,716)
ERRP Receipts (applied against Claims Paid)	1,173	201,004	(12,745)	(373,355)	(30,770)	(0,900)	5,015	(131,110)
Plan Amendments	9	õ	ů	0	0	0	9	ő
Impact of Settlements and Curtailments	0	ŏ	0	0	0	0	0	0
Benefit Obligation, End of Year	78,587	9,253,484	7,165,600	18,074,248	4,614,425	2,093,291	100,870	41,380,505
Denent Congenon, Lite of 1 ca	10,201	3,233,464	1,103,000	10,014,240	4,014,423	2,033,251	100,010	41,300,303
Accumulated Benefit Obligation, End of Yea	O	0	0	D	0	0	0	0
Weighted Average Assumption:								
Used in Determining Benefit Obligations								
Discount Rate	4.10%	4,10%	4.10%	4.10%	4.10%	4,10%	4.10%	4.10%
Interest Crediting Rate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rate of Compensation increase	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Measurement Date(s)	12/31/2016	12/31/2016	12/31/2016	12/31/2016	12/31/2016	12/31/2016	12/31/2016	12/31/2016
Change in Plan Assets								
Market Value of Assets, Beginning of Year	0	0	0	0	0	0	0	0
Business Combinations and Divestitures	0	0	0	0	0	0	Û	0
Plan-to-Plan Transfers	0	0	Û	0	0	0	0	0
Payroll Company Transfers	0	0	0	0	0	0	Ð	0
Actual Return on Assets (Net of Expenses)	0	0	0	0	0	0	0	0
Plan Participants' Contributions	0	0	Û	0	0	0	0	0
Employer Contributions	0	200,619	437,723	1,123,080	226,125	128,285	3,031	2,118,865
Benefits Paid	0	(200,619)	(437,723)	(1,123,080)	(226,126)	(128,286)	(3,031)	(2,118,865)
Impact of Settlements and Curtailments		0	0	0	0	0	0	0
Market Value of Assets, End of Year	0	0	0	0	0	0	0	0-
Funded Status, End of Year	(78,587)	(9,253,484)	(7,165,600)	(18,074,248)	(4,614,425)	(2,093,291)	(100,870)	(41,380,505)
Amounts Recognized in the Statement of Financial Position Noncurrent Assets	0	0	0	0	0	0	0	o
Current Liabilities	(2,818)	(342,257)	(631,104)	(1,594,494)	{372,145}	(165,198)	(3,811)	(3,111,830)
Noncurrent Liabilities	(75,769)	(8.911.227)	(6,534,496)	(15,479,754)	(4,242,279)	(1,928,093)	(97,059)	(38,268,675)
Net Benefit Asset/(Liability) at End of Year	(78,587)	(9,253,484)	(7,165,600)	(18,074,248)	(4,514,425)	(2,093,291)	(100,870)	(41,380,505)
Amounts Recognized in Accumulated Other Comprehensive Incom	(10,507)	(0,200,404)	(1,100,000)	(10,074,240)	(4,014,420)	(2,000,204)	(100,010)	(41,000,000)
Net Transition Obligation/(Asset)	0	n	C	0	٥	0	Û	n
Prior Service Cost/(Credit)	ů 0	0	n n	°,	0	C D	0 0	0
Net Actuarial Loss/(Gain)	49,450	1,535,810	1,716,708	5,131,594	2,727,487	518.681	44,679	11.724.409
Totat	49,450	1,535,810	1,716,708	5,131,594	2,727,487	518,681	44,679	11,724,409
		1,000,010	111 1011 00	0,101,034	E1121,401	310,001	17,010	11,723,405
EXPECTED CASH FLOWS								
Expected Employer Benefit Payments (Net of Part D Subsidy) 2017	2,875	210.000	643,912	4 000 000				
2017	2,875	349,203 358,797	630,257	1,626,853 1,610,714	379,699 378,898	168,550 166,141	3,889 4,096	3,174,982
2010	3,034	388,860	514,811	1,587,089	378,898	165,141	4,096	3,161,937 3,138,604
2019	3,225	409,536	597,556	1,556,008	377,129		4,316 4,549	
2021	3,418	409,535 430,645	578,970	1,556,008	374,218 370,051	159,817 156,126	4,549 4,793	3,105,213 3,061,942
2022-2026	21,107	2,478,521	2,570,701	6,805,076	1,739,000	718,817	27,887	14,361,107
	21,107	2,410,321	2,010,101	010,000,010	000,66 5,1	110,017	21,001	101,100
Expected Company Contributions	2,875	349,203	643,912	1,626,853	379,699	168,550	3,889	3,174,982

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### Section 1: Year End 2016 Footnote Disclosures Duke Energy - Legacy Cinergy Plans - Retiree Life

Payroll Company	Duke Energy Carolinas <u>100</u>	Duke Energy Business Services <u>†10</u>	Duke Energy Commercial Enterprises, Inc. <u>\$01</u>	Duke Energy Ohio <u>503</u>	Duke Energy Indiana <u>529</u>	Duke Energy Kentucky <u>536</u>	Duke Energy Discontinued Oper. <u>DSC</u>	Plan Tolat
Components of Net Periodic Benefit Cost								
Service Cost	0	0	0	0	0	0	0	0
Expected Administrative Expenses	0	0	0	0	0	0	0	0
Interest Cost	3,181	379,340	309,879	789,840	197,644	90,322	4,092	1,774,298
Expected Return on Plan Assets	0	a	0	0	0	0	0	
Amortization of Net Transition Obligation/(Asset)	0	0	0	0	0	0	C	0
Amortization of Prior Service Cost/(Credit)	0	0	0	0	0	0	0	0
Amortization of Net Actuarial Loss/(Gain)	2,947	76,929	110,623	340,316	170,885	32,496	2,452	736,648
Settlement and Special Termination Benefit Charge/(Credit)	<u> </u>	0	0	<u>0</u> ,	0	0	0	0
Net Periodic Benefit Cost	6,128	456,269	420,502	1,130,156	368,529	122,818	6,544	2,510,946
Other Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Income Business Combinations/Divestitures - Net Actuarial Loss/(Gain) Business Combinations/Divestitures - Prior Service Cost/(Credit)	0	0	0	0	0	0	0	0
Goodwiji Adjustments	ň	ő	ů	ő	ă	ŏ	ŏ	ň
Net Actuarial Loss/(Gain)	1,779	291,394	(72,749)	(373,399)	(36,770)	(6,986)	5.015	(191,716)
Amortization of Net Actuarial (Loss)/Gain	(2,947)	(76,929)	(110,623)	(340,316)	(170,885)	(32,495)	(2,452)	(736,648)
Prior Service Cost/(Credit)	(2.041)	(*0,02.0)	(175,525)	(0-0,010)	(	(02,400)	(2,102)	(100,040)
Amortization of Prior Service (Cost)/Credit	G	ň	ñ	ů N	Ň	- n	n	ň
Amortization of Net Transition (Obligation)/Asset	ň	ñ	ő	ő	õ	ő	ő	ň
Total Recognized in Other Comprehensive Income	(1,168)	214,465	(183,372)	(713,715)	(207,655)	(39,482)	2.563	(928,364)
	(1)		(***,**=)	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(,	(*******		(
Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Income	4,960	670,734	237,130	416,441	150,874	83,336	9,107	1,582,582
Estimate of Amounts that will be Amonized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2017								
Net Transition Obligation/(Asset)	0	C	0	0	0	0	0	0
Prior Service Cost/(Credit)	Q	0	0	0	0	0	0	0
Net Actuariat Loss/(Gain)	2,872	89,209	99,717	298,074	158,429		2,595	681,024
Total	2,872	89,209	99,717	298,074	158,429	30,128	2,595	681,024
Weighted Average Assumption: Used in Delarmining Cost								
Discount Rate	4.40%	4.40%	4.40%	4.40%	4.40%	4.40%	4,40%	4.40%
Interest Crediting Rate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Expected Return on Plan Assets	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rate of Future Compensation Increases	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Measurement Date(s)	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015

Legacy Cinergy Plans - Retiree Life

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### Section 1: Year End 2016 Footnote Disclosures Duke Energy - Progress Energy and Florida Progress Non-Union OPEB (Life)

### Progress Energy and Florida Progress Non-Union OPEB (Life)

Payroll Company	Duke Energy Carolinas <u>100</u>	Duke Energy Business Services <u>110</u>	Duke Energy Discontinued Oper. DSC	Duke Energy Progress <u>801</u>	Duke Energy Florida <u>802</u>	Florida Progress Corp	Progress Fuels Corporation	Plan Total
Change in Benefit Obligation								
Benefit Obligation, Beginning of Year	0	5,399,460	9,655	50,898,700	12,776,693	127,971	270,763	69,483,242
Business Combinations and Divestitures	0	0	0	D	0	0	0	0
Plan-to-Plan Transfers	0	0	0	D	0	Û	0	0
Payroll Company Transfers	0	0	0	0	0	0	0	0
Service Cost	0	0	0	0	0	0	0	0
Interest Cost	0	233,619	418	2,169,266	545,331	5,443	11,575	2,965,652
Gross Benefits Paid	D	0	(37,871)	(1,239,191)	(1,035,160)	0	0	(2,312,222)
Plan Participants' Contributions	0	0	0	0	0	C	0	0
Actuarial Loss/(Gain)	0	60,239	38,126	(870,413)	777,105	(13,404)	(22,260)	(30,607)
ERRP Receipts (applied against Claims Paid)	0	0	0	0	0	0	0	0
Plan Amendments	0	0	0	0	0	0	0	0
Impact of Settlements and Curtailments	0	Q	0	0	0	0	0	0
Benefit Obligation, End of Year	0	5,693,318	10,328	50,958,362	13,063,969	120,010	260,078	70,106,065
Accumulated Benefit Obligation, End of Yea	0	0	٥	0	0	0	o	Ū
Weighted Average Assumption:								
Used in Determining Benefit Obligations								
Discount Rate	4.10%	4.10%	4.10%	4,10%	4.10%	4.10%	4.10%	4.10%
Interest Crediting Rate	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rate of Compensation Increase	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Measurement Date(s)	12/31/2016	12/31/2016	12/31/2016	12/31/2016	12/31/2016	12/31/2016	12/31/2016	12/31/2016
Change in Plan Assets								
Market Value of Assets, Beginning of Year	0	0	Û	0	Ú	0	0	Ó
Business Combinations and Divestitures	0	0	0	0	D	0	Q	0
Plan-to-Plan Transfers	0	0	0	0	0	0	0	0
Payroll Company Transfers	0	0	Q	0	0	U	0	•
Actual Return on Assets (Net of Expenses)	0	0	Q	0	0	0	0	0
Plan Participents' Contributions	0	0	0	0	0	U	0	0
Employer Contributions	0	0	37,871	1,239,191	1,035,160	0	0	2,312,222
Benefits Paid	0	0	(37,871)	(1,239,191)	(1,035,160)	0	0	(2,312,222)
Impact of Settlements and Curtailments	0	9 .		<u>d</u> .				<u>U</u> 0
Market Value of Assets, End of Year	0	• 0	0	0	0	0	Ū	Ű
Funded Status, End of Year	0	(5,693,318)	(10,328)	(50,958,362)	(13,063,969)	(120,010)	(250,078)	{70,106,065}
Amounts Recognized in the Statement of Financial Position			_	_			_	_
Noncurrent Assets	0	0	D	0	0	0	0	0
Current Liabilities	0	(189,798)	(328)	(3,227,732)	{765,229}	(7,900)	(14,665)	(4,206,652)
Noncurrent Liabilities	<u>0</u>	(5,503,520)	(10,000)	(47,730,630)	(12,297,740)	(112,110)	(245,413)	(65,899,413)
Net Benefit Asset/(Liability) at End of Year	0	(5,693,318)	(10,328)	(50,958,352)	(13,063,969)	(\$20,010)	(260,078)	(70,106,065)
Amounts Recognized in Accumulated Other Comprehensive Incom		-		D				
Net Transition Obligation/(Asset)	0 (58,498)	(2.440.510)	. 0	(11,338,712)	0 (3,862,688)	0 (1	0	0 (18,709,416)
Prior Service Cost/(Credit) Net Actuarial Loss/(Gain)	(14,362)	(3,449,518) 2,305,931	100,962	10,501,876	(3,652,666)	(20,679)		13,236,697
Tola)	(72,860)	(1,143,587)	100,962	(836,836)	(3,513,281)	(20,679)	13,562	(5,472,719)
	1			( V	· · · · · · · ·	<i>,</i>		•
EXPECTED CASH FLOWS								
Expected Employer Benefit Payments (Net of Part D Subsidy)								
2017	D	193,650	335	3,293,236	781,779	8,060	14,962	4,292,022
2018	0	204,792	353	3,325,509	785,623	8,147	15,246	4,339,669
2019	0	216,637	373	3,346,915	792,814	8,187	15,408	4,380,333
2020	0	229,14B	395	3,357,894	792,881	8,180	15,438	4,403,934
2021	0	242,271	418	3,358,933	795,808	8,131	15,452	4,422,014
2022-2026	0	1,422,827	2,489	16,517,411	3,978,695	38,900	74,771	22,035,094
Expected Company Contribution:	C	193,650	335	3,293,236	781,779	8,060	14,962	4,292,022

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### Section 1: Year End 2016 Footnote Disclosures

Duke Energy - Progress Energy and Florida Progress Non-Union OPEB (Life)

### Progress Energy and Florida Progress Non-Union OPEB (Life)

Payroll Company	Duke Energy Carolinas <u>100</u>	Duke Energy Business Services <u>110</u>	Duke Energy Discontinued Oper. <u>DSC</u>	Duke Energy Progress <u>801</u>	Duke Energy Florida <u>802</u>	Florida Progress Corp	Progress Fuels Corporation	Plan Total
Components of Net Periodic Benefit Cost								
Service Cost	0	0	0	0	0	0	0	0
Expected Administrative Expenses	0	0	Û	0	0	0	0	0
Interest Cost	0	233,619	418	2,169,266	545,331	5,443	11,575	2,965,652
Expected Return on Plan Assets	G	0	0	0	0	0	6	0
Amortization of Net Transition Obligation/(Asset)	0	0	0	0	0	0	0	0
Amortization of Prior Service Cost/(Credit)	(5,132)	(302,590)	0	(994,624)	(338,831)	0	0	(1,641,177)
Amortization of Net Actuarial Loss/(Gain)	(466)	72,795	2,037	368,636	(13,864)	(236)	1,161	430,063
Settlement and Special Termination Benefit Charge/(Credit)	0		0	1.543,278	192,635	5,207	<u>_</u>	1,754,538
Net Periodic Benefit Cost	(5,598)	3,824	2,455	1,543,278	192,636	5,207	12,736	1,734,538
Other Changes in Plan Assets and Benefit Obligation Recognized in Othe Comprehensive Income	2							
Business Combinations/Divestitures - Net Actuarial Loss/(Gain)	0	0	0	0	0	0	0	0
Business Combinations/Divestitures - Prior Service Cost/(Credit)	0	0	0	o	0	0	0	0
Goodwill Adjustments	0	0	U 38,126	(870,413)	777,105	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	{22,260}	(30,607)
Net Actuarial Loss/(Gain)	466	60,239 (72,795)	38,126 (2,037)	(368,636)	13,864	(13,404) 236	(22,260) (1,161)	(430,063)
Amortization of Net Actuarial (Loss)/Gain	466	(/2,/95) 0	(2,037)	(969,996)	13,004	236	(1,101)	(430,083)
Prior Service Cost/(Credit) Amortizațion of Prior Service (Cost)/Credit	5,132	302,590	υ 0	994,624	338,831	U 0	0 0	1,641,177
Amortization of Net Transition (Obligation)/Asset	3,132	302,330	0	554,024	300,001	0	ů n	1,041,111
Total Recognized in Other Comprehensive Income	5,598	290,034	36,089	(244,425)	1,129,800	(13,168)	(23,421)	1,180,507
fold / recognized in ource comprehensive months	-,		,	(=		(,	(	
Total Recognized in Net Periodic Benefit Cost and Other Comprehensive								
Income	0	293,858	38,544	1,298,853	1,322,436	(7,961)	(10,685)	2,935,045
Estimate of Amounts that will be Amonized Out of Accumulated Other								
Comprehensive Income Into Net Periodic Benefit Cost in 2017								
Net Transition Obligation/(Asset)	0	0	0	0	0	Ô	0	Û
Prior Service Cost/(Credit)	(5,132)	(302,590)	0	(994,624)	(338,831)	0	0	(1,641,177)
Net Actuaria: Loss/(Gain)	(446)	71,608	3,135	326,123	10,850		421	411,049
Total	(5,578)	(230,982)	3,135	(668,501)	(327,981)	(642)	421	(1,230,128)
Weighted Average Assumption: Used in Determining Cast								
Discount Rate	4.40%	4.40%	4.40%	4.40%	4.40%	4.40%	4.40%	4.40%
Interest Crediting Rate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Expected Return on Plan Assets	N/A	N/A	N/A	N/A	N/A	N/A	NA	N/A
Rate of Future Compensation Increases	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Measurement Date(s)	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015

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### Section 1: Year End 2016 Footnote Disclosures Duke Energy - The Union Employees of Florida Progress OPEB (Life)

### The Union Employees of Florida Progress OPEB (Life)

	B. I. Franklin Franklin i
Payroli Company	Duke Energy Florida / Plan Total
ayou company	802
Change in Benefit Obligation	<u></u>
Benefit Obligation, Beginning of Year	18,155,935
Business Combinations and Divestitures	0
Plan-to-Plan Transfers	0
Payroli Company Transfers	0
Service Cost	0
nterest Cost	774,601
Bross Benefits Paid	(1,490,913)
lan Participants' Contributions	0
Actuarial Loss/(Gain)	1,536,642
RRP Receipts (applied against Claims Paid)	0
Plan Amendments	0
mpact of Settlements and Curtailments	0
Senefit Obligation, End of Year	18,976,265
Accumulated Benefit Obligation, End of Year	0
Veighted Average Assumptions	
Ised in Determining Benefit Obligations	
Discount Rate	4.10%
Interest Crediting Rate	N/A
Rate of Compensation Increase	N/A
Measurement Date(s)	12/31/2016
Change in Plan Assets	
larket Value of Assets, Beginning of Year	0
Business Combinations and Divestitures	0
Plan-to-Plan Transfers	0
Payroll Company Transfers	0
clual Return on Assets (Net of Expenses)	0
Ian Participants' Contributions	0
imployer Contributions	1,490,913
enefits Paid	(1,490,913)
mpact of Settlements and Curtailments	<u> </u>
Market Value of Assets, End of Year	O
unded Status, End of Year	(18,976,265)
mounts Recognized in the Statement of Financial Position	
Ioncurrent Assets	0
Current Liabilities	(1,098,578)
Ioncurrent Liabilities	(17,877,687)
let Benefit Assel/(Liability) at End of Year	(18,976,265)
mounts Recognized in Accumulated Other Comprehensive Income	
let Transition Obligation/(Asset)	0
rior Service Cosl/(Credit)	(5,992,671)
let Actuarial Loss/(Gain)	9,717,642
otal	3,724,971
XPECTED CASH FLOWS	
EXPECTED CASH FLOWS Expected Employer Benefit Payments (Net of Part D Subsidy)	
017	1,120,872
018	
	1,105,635 1,090,812
019	
1019 1020 1021	1,059,823

1,120,872

Expected Company Contributions	
--------------------------------	--

.

### Section 1: Year End 2016 Footnote Disclosures Duke Energy - The Union Employees of Florida Progress OPEB (Life)

### The Union Employees of Florida Progress OPEB (Life)

Payroll Company	Duke Energy Florida / Plan Total <u>802</u>
Components of Net Periodic Benefit Cost	
Service Cost	0
Expected Administrative Expenses	0
Interest Cost	774,601
Expected Return on Plan Assets	D
Amortization of Net Transition Obligation/(Asset)	0
Amortization of Prior Service Cost/(Credit)	(770,534)
Amortization of Net Actuarial Loss/(Gain)	427,913
Settlement and Special Termination Benefit Charge/(Credit)	0
Net Periodic Benefit Cost	431,980
Other Changes in Plan Assets and Benefit Obligation Recognized in	
Other Comprehensive income	
Business Combinations/Divestitures - Net Actuarial Loss/(Gain)	0
Business Combinations/Divestitures - Prior Service Cost/(Credit)	0
Goodwill Adjustments	D
Net Actuarial Loss/(Gain)	1,536,642
Amonization of Net Actuarial (Loss)/Gain	(427,913)
Prior Service Cost/(Credit)	0
Amortization of Prior Service (Cost)/Credit	770,534
Amortization of Net Transition (Obligation)/Asset	0
Total Recognized in Other Comprehensive Income	1,879,263
Total Recognized in Net Periodic Benefit Cost and Other Comprehensive	
income	2,311,243
Estimate of Amounts that will be Amortized Out of Accumulated Other	
Comprehensive Income Into Net Periodic Benefit Cost in 2017	
Net Transition Obligation/(Asset)	0
Prior Service Cosl/(Credit)	(770,534)
Net Actuarial Loss/(Gain)	505,965
Total	(264,569)
Weighted Average Assumptions	
Used in Determining Cost	
Discount Rate	4.40%
Interest Crediting Rate	N/A
Expected Return on Plan Assets	N/A
Rate of Future Compensation Increases	N/A
Measurement Date(s)	12/31/2015

### Section 1: Year End 2016 Footnote Disclosures Duke Energy - Pledmont Postretirement Benefits Plan

### Piedmont Natural Gas Company, Inc. Postretirement Benefits Plan

	Piedmont Natural Gas
Payroll Company	Company / Plan Total PNG
Change in Benefit Obligation	2110
Benefit Obligation, Beginning of Year	0
Business Combinations and Divestitures	39,260,820
Plan-to-Plan Transfers	0
Payroli Company Transfers	0
Service Cost	206,809
Interest Cost	242,706
Gross Benefits Paid	(207,842)
less; federal subsidy on benefits paid	0
Plan Participants' Contributions Actuarial Loss/(Gain)	5,736 (755,470)
ERRP Receipts (applied against Claims Paid)	(755,470)
Plan Amendments	9
Impact of Settlements and Curtailments	0
Benefit Obligation. End of Year	38,752,758
Accumulated Benefit Obligation, End of Year	0
Weighted Average Assumptions	
Used in Determining Benefit Obligations	
Discount Rate	4.10%
Interest Crediting Rate Rate of Compensation Increase	N/A
Measurement Date(s)	N/A 12/31/2016
Measuranian Dale(s)	12/2/12010
Change in Plan Assets	_
Market Value of Assets, Beginning of Year Business Combinations and Divestitures	0
Plan-to-Plan Transfers	28,785,215 0
Payroll Company Transfers	0
Actual Return on Assets (Net of Expenses)	500,442
Plan Participants' Contributions	5,736
Employer Contributions	(43,308)
Benefits Paid	(207,842)
Impact of Settlements and Curtaitments	0
Market Value of Assets, End of Year	29,040,243
Funded Status, End of Year	(9,712,515)
Amounts Recognized in the Statement of Financial Position	
Noncurrent Assels	0
Current Liabilities	9
Noncurrent Liabilities	(9,712,515)
Net Benefit Asset/(Liability) at End of Year	(9,712,515)
Amounts Personnized in Assumutated Other Comprehensive Income	
Amounts Recognized in Accumulated Other Comprehensive Income Net Transition Obligation/(Asset)	٥
Prior Service Cost/(Credit)	(1,490,495)
Net Aduarial Loss/(Gain)	8,011,168
Total	6,520,673
EXPECTED CASH FLOWS	
Expected Employer Benefit Payments (Net of Part D Subsidy)	
2017	1,865,545
2018	2,108,835
2019	2,266,032
2020	2,369,462
2021	2,450,001
2022-2026	13,059,183
Expected Company Contributions	2,236,000
· · · ·	
#### Section 1: Year End 2016 Footnote Disclosures Duke Energy - Piedmont Postretirement Benefits Plan

#### Piedmont Natural Gas Company, Inc. Postretirement Benefits Plan

Payroll Company	Piedmont Natural Gas Company / Plan Total
Expected Subsidies from Medicare Part D	
2017	N/A
2018	N/A
2019	N/A
2020	N/A
2021	N/A
2022-2026	N/A
Components of Net Periodic Benefit Cost	
Service Cost	206,809
Expected Administrative Expenses	0
Interest Cost	242,706
Expected Return on Plan Assets	(284,643)
Amortization of Net Transition Obligation/(Asset)	0
Amortization of Prior Service Cost/(Credit)	(55,286)
Amortization of Net Actuarial Loss/(Gain)	117,480
Settlement and Special Termination Benefit Charge/(Credit)	0
Net Periodic Benefit Cost	227,066
Other Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Income	
Business Combinations/Divestitures - Net Actuariat Loss/(Gain)	9,099,918
Business Combinations/Divestitures - Prior Service Cost/(Credit)	(1,545,781)
Goodwill Adjustments	0
Net Actuarial Loss/(Gain)	(971,269)
Amortization of Net Actuarial (Loss)/Gain	(117,480)
Prior Service Cost/(Credil)	0
Amortization of Prior Service (Cost)/Credit	55,286
Amortization of Net Transition (Obligation)/Asset	0
Total Recognized in Other Comprehensive Income	6,520,673
Total Recognized in Net Periodic Benefit Cost and Other Comprehensive	
income	6,747,739
Estimate of Amounts that will be Amortized Out of Accumulated Other	
Comprehensive Income Into Net Periodic Benefit Cost in 2017	2
Net Transition Obligation/(Asset)	(921 742)
Prior Service Cost/(Credit) Net Actuaria! Loss/(Gain)	(331,713)
Net Aduarial Loss (Gain) Total	<u>591,969</u> 260,256
Total	200,230
Weighted Average Assumptions Used in Determining Cost	
Discount Rate	3,80%
Interest Crediting Rate	N/A
Expected Return on Plan Assets - 401(h) and Union VEBA	6.75%
Expected Return on Plan Assets - Non-Union VEBA	4.3875%
Rate of Future Compensation Increases	N/A

.

# Section 1: Year End 2016 Footnote Disclosures Duke Energy - Duke Energy Postemployment Welfare Plan

<u>Plan Total</u>	5,167,794
Duke Energy Progress <u>801</u>	31,270
Duke Energy Discontinued Oper. <u>DSC</u>	53,883
Duke Energy International <u>600</u>	0
Duke Energy Kentucky <u>536</u>	71,780
Duke Energy Indiana <u>529</u>	539,109
Duke Energy Ohio <u>503</u>	241,038
Duke Energy Commercial Enterprises, Inc. <u>501</u>	67,541
Duke Energy Business Services <u>110</u>	1,084,846
Duke Energy Carolinas <u>100</u>	3,078,327
Раугон Сотрапу	Current Liabilities

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Section 1: Year End 2016 Footnote Disclosures Duke Energy - Progress Energy Postemployment Welfare Plans

Plan Name

Union LTD Income Benefits

Non-Union LTD Health and Life Benefits Duke Energy Business Duke Energy Duke Energy Services Progress Florida 110 801 801 902 Plan Total 207,065 1,430,403 135,818 1,773,285 Payroil Company Current Liabilities

Duke Energy Florida <u>802</u> 679,686 •

Willis Towers Walson

KyPSC Case Nu. 2247-0021 AG-DR-01-044 Attachment 2 Page 40 of 40

## Willis Towers Watson IsI'I'I.I

February 4, 2016

Ms. Donna Simon Manager, Benefits and Labor Accounting Duke Energy Corporation 550 South Tryon Street Charlotte, NC 28202

#### Subject: Actuarial Valuation Report for December 31, 2015 Disclosure and Fiscal 2016 Net Periodic Benefit Cost for Duke Energy Pension Plans and Retiree Welfare Plans

#### Dear Donna:

Duke Energy engaged Towers Watson Delaware Inc. (Willis Towers Watson) to value the Company's pension and other postretirement benefit plans. This report provides information for year-end financial reporting purposes required by FASB Accounting Standards Codification Topic 715-20-50 (ASC 715) for your fiscal year ending December 31, 2015 for the below listed plans.

The exhibits present year-end financial reporting information in accordance with ASC 715-20-50, including the net balance sheet position, cash flow, plan asset information, amortization amounts during the fiscal year, participant information, the provisions on which the valuation is based, and the actuarial assumptions and methods used in the calculations. Additional input is required (as described below) by the Company in relation to the asset disclosures specified in ASC 715-20-50-1(d).

In addition, this report presents the Net Periodic Benefit Cost/(Income), in accordance with ASC 715, for the fiscal year beginning January 1, 2016. Both year-end financial reporting and benefit cost results are based on a valuation of the following plans as of December 31, 2015:

#### Qualified Pension Plans

- Duke Energy Retirement Cash Balance Plan (merged with PEPP eff. 12/31/2015)
- Cinergy Corp. Union Employees' Retirement Income Plan
- Retirement Plan for Bargaining Unit Employees of Florida Progress Corporation

#### Non-Qualified Pension Plans

- Duke Energy Executive Cash Balance Plan
- Progress Energy Supplemental Senior Executive Retirement Plan (Inactives only)
- Florida Progress Corporation Supplemental Executive Retirement Plan
- Florida Progress Corporation Nondiscrimination Plan

#### **OPEB Plans**

 Duke Energy Retiree Health and Welfare Benefits (Medical and Life Insurance) for Future Retirees and Retirees in Legacy Duke Energy and Cinergy Locations

One Alliance Center 3500 Lenox Road Suite 900 Atlanta, GA 30326

T +1 404 365 1600

F +1 404 365 1660 W willistowerswatson.com

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Ms. Donna Simon February 4, 2016

 Duke Energy Retiree Health and Welfare Benefits (Medical and Life Insurance) for Future Retirees and Retirees in Legacy Progress Energy Locations

For the Legacy Cinergy funded pension and OPEB plans, we have also provided the disclosure information on a pre-purchase accounting basis for Indiana, Kentucky and Ohio.

As discussed above, the enclosed information was prepared in accordance with FASB ASC 715-20-50 and 715-60-50 and certain information must be provided by Duke Energy that we do not prepare or that requires your further consideration:

- Categorization of assets, actual asset allocation at the end of 2015 and 2014, and the target asset allocation for 2016.
- A description of Duke Energy's investment policy for the assets held by the pension and postretirement benefit plans.
- A description of the basis used to determine the expected long-term rate of return on plan assets.

In consultation with Duke Energy, the expected contributions to the qualified pension plans were based on Duke Energy's funding policy to fund US GAAP annual service cost during fiscal 2016. The expected contributions to the other postretirement benefit plans have been set at the expected benefit disbursements for unfunded plans and expected benefit disbursements net of available assets for funded plans.

Note that any significant change in the amounts contributed or expected to be contributed in 2016 will require disclosure in the interim financial statements.

#### Summary of Results

#### Fiscal 2016 Net Periodic Benefit Cost

The table below provides a summary of the 2016 net periodic benefit cost for the Duke Energy benefit plans compared to fiscal 2015 and compared to the fiscal 2016 budget estimates provided in July 2015.

	2015 Net Periodic Benefit Cost	2016 Net Periodic Benefit Cost (Budget)	2016 Net Periodic Benefit Cost (Actual)
Qualified Pension Plans	\$134,923,838	\$104,307,079	\$95,047,967
Non-Qualified Pension Plans	\$21,006,198	\$21,508,087	\$23,374,098
OPEB Plans	<u>(\$85,401,597)</u>	<u>(\$99,954,982)</u>	<u>(\$102,612,478)</u>
TOTAL	\$70,528,439	\$25,860,184	\$15,809,587

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Ms. Donne Simon February 4, 2016

#### **Comments on Fiscal 2016 Net Periodic Benefit Cost**

As previously reported, the total budgeted benefit cost for fiscal 2016 was projected to decrease by \$45 million compared to fiscal 2015. This decrease was the net effect the following items:

- Expected change for growth of benefit accruals, interest and amortization.
- Change in the discount rate from 4.10% to 4.40%.
- Change in the Expected Return on Assets assumption from 6.50% to 6.25%.
- Expected unfavorable investment performance anticipated for full year 2015.
- Pension, retiree medical and retiree life plan changes associated with UWUA and IBEW 1393 moving to the enterprise platform.
- Cash contributions to the pension plans of \$302 million during 2015.
- Reflection of the Midwest Commercial Generation sale.

The actual total net periodic benefit cost for 2016 shown above is \$10 million lower than budget. The primary drivers behind this change include:

- An increase in cost of \$8 million due to actual investment performance during 2015 that was slightly
  more unfavorable than anticipated.
- A decrease in cost of \$20 million with no change made to the Expected Return on Assets assumption of 6.50% with the target asset allocation unchanged from fiscal 2015.
- A decrease in cost of \$2 million due to actual claims paid for retiree medical benefits that were lower than expected and lower than expected company reimbursement of claims from 401(h) account assets.
- A decrease in cost of \$1 million from designating the Florida Power Grantor Trust Fund as a plan asset for the Legacy Progress Retiree Medical Plan effective January 1, 2016.
- An increase in cost of \$2 million due to the addition of 2 retirees residing in the U.K. who are now reported as being paid from the ECBP going forward.
- An increase in cost of \$3 million due to other sources of gain/loss for participation experience, including adjustments for asset transfers still expected to be paid for the MCG spinoffs.

The pre-purchase accounting amortization adjustment for the legacy Cinergy plans is \$16 million for fiscal 2016 and is determined based on a special schedule we have prepared for this purpose dated December 16, 2015.

Ms. Donna Simon February 4, 2016

### Comments on Actuarial (Gains)/Losses Experienced During 2015

The following key items account for the actuarial gain/loss activity impacting funded status for US GAAP financial reporting (changes in Accumulated Other Comprehensive Income pre-tax) due to demographic experience, including key assumption changes, and investment returns different from assumed during 2015.

(Gain)/Loss Item – in \$Millions	All Pension Plans	AII OPEB							
Liability Experience									
Change in assumptions from December 31, 2014 to December 31, 2015:									
Economic assumption changes	(\$243)	(\$21)							
<ul> <li>Updated health care cost trend rates, per capita claims costs and claim experience</li> </ul>	n/a	5							
<ul> <li>All other plan participation experience (including MCG spinoffs)</li> </ul>	35	(27)							
Asset Expe	rience								
Investment performance lower than expected. The actual rate of return was a loss of approximately 0.7% for the Retirement Master Trust; while the expected rate of return was 6.50%.	557	14							

#### **MD&A** Sensitivities

The following tables provide you with requested sensitivity information on critical accounting assumptions for the pension and other postretirement welfare plans.

Table 1: 25 basis point changes in the discount rate and expected return on assets:

(in \$Millions)	Pensio (Qualified + I	Other Postretirement Plans		
	+0.25%	-0.25%	+0.25%	-0.25%
Effect on 2015 pre-tax net periodic cost	<u></u>			
<ul> <li>Expected long-term rate of return</li> </ul>	(\$20)	\$20	(\$1)	\$1
<ul> <li>Discount rate</li> </ul>	(\$14)	\$13	(\$1)	\$1
Effect on benefit obligation at 12/31/2015				
<ul> <li>Discount rate</li> </ul>	(\$200)	\$206	(\$17)	\$17

Table 2: 100 basis point change in health care trend rate for the postemployment welfare plans:

(in SMillions)	Other Postreti	rement Plans
	+1.00%	-1.00%
Effect on 2015 pre-tax net periodic cost	\$7	(\$6)
Effect on benefit obligation at 12/31/2015	\$29	(\$26)

## Willis Towers Watson III'I'II

Ms. Donna Simon February 4, 2016

## **Actuarial Certification**

This valuation has been conducted in accordance with generally accepted actuarial principles and practices. However, please note the information discussed below regarding this valuation.

#### Reliances

In preparing the results presented in this report, we have relied upon information regarding plan provisions, participants, assets and sponsor accounting policies and methods provided by Duke Energy and other persons or organizations designated by Duke Energy. We have relied on all the data and information provided as being complete and accurate. We have reviewed this information for overall reasonableness and consistency, but have neither audited nor independently verified this information. Based on discussions with the plan sponsor, assumptions or estimates may have been made if data were not available. We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations. The results presented in this report are directly dependent upon the accuracy and completeness of the underlying data and information. Any material inaccuracy in the data, assets, plan provisions or other information provided to us may have produced results that are not suitable for the purposes of this report and such inaccuracies, as corrected by Duke Energy, may produce materially different results that could require that a revised report be issued.

#### Measurement of Benefit Obligations, Plan Assets and Balance Sheet Adjustments

The benefit obligations measured as of December 31, 2015 were projected forward from January 1, 2015 to the end of the year, adjusting for benefit payments, expected growth in the benefit obligations, changes in assumptions and plan provisions, and any known demographic experience that occurred during the year.

The effects of changes in plan provisions (see section below entitled "Significant Events and Plan Changes During the Year" for additional details), are measured as of December 31, 2015 and were determined on a payroll company basis.

Asset values, net investment returns, and benefits paid during 2015 used in our financial exhibits for funded plans were based on the Northern Trust reports provided to us by Duke Energy dated January 15, 2016. Information about VEBA trust assets and benefit payments made from corporate assets were furnished to us by Duke Energy on January 14, 2016.

The net periodic benefit cost for the Legacy Progress Retiree Medical Plan has been determined using assets for the Florida Power Grantor Trust based on the Wells Fargo reports provided to us by Duke Energy on January 13, 2016. These assets were not included in the financial statements as of December 31, 2015 and were treated as a contribution to the plan as newly designated plan assets as of January 1, 2016.

Assets for the Duke Energy Retirement Cash Balance Plan and Cinergy Corp. Union Employees' Retirement Income Plan have been adjusted to reflect a true-up amount for assets still expected to be paid from each plan for the Midwest Commercial Generation transaction. The asset transfer amounts shown on the "Business Combinations and Divestitures" line of the asset reconciliation reflect the Revised Retirement Plan Transfer Amounts communicated to Duke Energy in our letter dated September 29, 2015 and a true-up amount for final data used in the calculations and estimated earnings and losses between the April 2, 2015 spin-off date to December 31, 2015 as stipulated in the spin-off agreement. The fair value of assets reported by Northern Trust at December 31 have been reduced by \$3,489,701 for RCBP and \$7,239,905 for CGEU.

Ms. Donna Simon February 4, 2016

Please note that for the Legacy Duke and Cinergy Retiree Medical and Legacy Cinergy Retiree Life Plans, a portion of the actual employer claims and retiree contributions provided for Duke Energy Commercial Enterprises ("DECE") were reported under Ohio. As a result, we reallocated the actual employer claims and retiree contributions provided by Duke Energy for Ohio and Duke Energy Commercial Enterprises in proportion to the expected claims to be paid for these two payroll companies.

For the Legacy Duke and Cinergy Retiree Medical Plan, we also allocated \$3,549,191 of actual employer claims to Duke Energy Indiana which were originally reported under Duke Energy Kentucky, as provided to us by Duke Energy.

Similarly, we moved actual nonqualified pension benefit payments for two Progress Energy Supplemental Senior Executive Retirement Plan ("SSERP") retirees into the Duke Energy Executive Cash Balance Plan ("ECBP"). These retirees were included in the portion of the SSERP that was spun off and merged with ECBP in 2012. This reallocation was confirmed by Duke Energy.

The benefit obligations for the Duke Energy Executive Cash Balance Plan as of December 31, 2015 include two retirees residing in the UK who are paid from the plan but previously recorded elsewhere on Duke Energy's books. The portion of their liability previously recorded by Duke Energy (\$3.8M), as provided on the book positions, is shown on the "Interplan Transfers" line of the benefit obligation reconciliation. The liability in excess of this entry is recorded as an actuarial loss. Note that the benefit obligation for these retirees at December 31 is approximately \$8.0M and results in an increase in benefit cost reported for the ECBP plan for 2016.

Willis Towers Watson also used information provided by Duke Energy about the general ledger account balances for the pension and postretirement benefit asset and postretirement benefit liability balances before adjustment to reflect the funded status based on the year-end measurements. Willis Towers Watson used information supplied by the Company regarding amounts recognized in accumulated other comprehensive income as of December 31, 2015. This data was reviewed for reasonableness, but no audit was performed.

Accumulated other comprehensive (income)/loss amounts shown in the report are shown prior to adjustment for deferred taxes and do not reflect any regulatory adjustments. Any deferred tax effects in AOCI should be determined in consultation with Duke Energy's tax advisors and auditors.

#### Participant Data

Participant data was collected as of January 1, 2015 and provided by Duke Energy's administrator. This data was used to measure plan obligations as of December 31, 2015. This is the same data used for the calculation of the fiscal 2016 net periodic benefit costs.

#### Participant Transfers

The company identified key groups of transferred employees that should be reflected in reporting for the pension and OPEB plans. To account for these transfers in our exhibits, we moved these participants' obligation and assets (if applicable) between the respective payroll companies and plans. The effect of this transaction is captured in our exhibits as "Payroll Company Transfers." The key groups of transfers include "normal course of business" transfers during 2015 that Duke Energy considered material for purposes of reflection in the attached exhibits.

Note, to account for these transfers in our exhibits, we moved these participants' benefit obligation and assets (if applicable) between the respective payroll companies. Per our agreed upon methodology for transfers, we also moved a pro rata portion of unrecognized amounts.

# Willis Towers Watson III'I'III

Ms. Donna Simon February 4, 2016

#### Allocation Methodology

We employed the same allocation approach used historically. Details regarding this approach are provided in Appendix D of this report.

#### Assumptions and Methods under U.S. GAAP

As required by U.S. GAAP, the actuarial assumptions and methods employed in the development of the pension and other postretirement benefit cost and other financial reporting results have been selected by Duke Energy. Willis Towers Watson has concurred with these assumptions and methods. ASC 715-30-35 requires that each significant assumption "individually represent the best estimate of a particular future event".

The changes in key assumptions since the prior fiscal year are as follows:

- The discount rate increased from 4.10% at December 31, 2014 to 4.40% at December 31, 2015.
- The interest rate basis for lump sum conversions was updated to reflect current market conditions.
- The health care cost trend assumption was increased slightly for 2016 to 2019 to reflect higher anticipated prescription drug costs due to the introduction of new drugs. The long-term trend rates were unchanged as individual Medicare Supplement plans are expected to continue to experience relatively low cost trends.
- Per capita claims cost assumptions were updated to reflect updated enrollment experience and new plan options. Based on this analysis, per capita claims costs for pre-65 plan options increased slightly higher than expectations.
- Actual 2016 UHC Medicare exchange premiums for post-65 plan options saw lower than expected increases in premiums for Medicare Supplement plans offset by higher than expected increases in prescription drug plan premiums. The result was that the total premium increased in line with trend expectations.

The results shown in this report have been developed based on actuarial assumptions that, to the extent evaluated by Willis Towers Watson, we consider to be reasonable. Other actuarial assumptions could also be considered to be reasonable. Thus, reasonable results differing from those presented in this report could have been developed by selecting different reasonable assumptions.

Please refer to Appendix A for a complete description of the assumptions and methods used in the determination of plan obligations and costs. In addition, we have included an Appendix E to this report which outlines the rationale behind these assumptions in accordance with our understanding of Actuarial Standards of Practice Nos. 4, 6, 27 and 35. These assumptions are based in part on Willis Towers Watson's recommendation and/or analysis. All assumptions were selected based on information known at the measurement date and on the premises that the plan will continue and that no events will occur in 2016 that would cause a remeasurement that may cause Duke Energy to select different assumptions.

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Ms. Donna Simon February 4, 2016

#### Significant Events and Plan Changes During the Year

Details of the provisions for each pension and postretirement welfare plan can be found in the appendices to the report. The following represent significant events and/or plan changes during the year that we reflected in our measurement of the year-end obligations:

- Pension Plans:
  - For IBEW 1393 participants in the RCBP and UWUA participants in the CGEU pension plans, continued cash balance pay credits are eliminated during periods of disablement. This change only applies to future disabled participants starting July 1, 2016.
  - For IBEW 1393 participants in the RCBP and UWUA participants in the CGEU pension plans, pay credits accrued on or after January 1, 2016 will be subject to an annualized fixed interest crediting rate of 4.00%.
  - For IBEW 1393 participants in the RCBP and UWUA participants in the CGEU pension plans, participation in the plan is closed to new entrants beginning January 1, 2016.
  - Effective December 31, 2015, the PEPP was merged into the RCBP. The 2016 net periodic pension benefit cost for the RCBP has been calculated on a merged plan basis. Historical accounting methods for the RCBP and PEPP, where different (e.g. market-related value of assets), will be retained for the newly merged plan.
- Retiree Welfare Plans:
  - UWUA participants who are subsidy-eligible and retire after October 1, 2015 will be transitioned to the Class D7/D8 Subsidy HRA plan for pre-65 retiree medical benefits and Post-65 subsidy amounts will be eliminated.
  - UWUA participants who are currently eligible through the Cinergy HRA plan had a choice of the Subsidy HRA benefit under Class D7/D8 or their Cinergy HRA balance under Class D9 frozen as of September 30, 2015 with interest given until retirement.
  - IBEW 1393 participants who are subsidy-eligible and retire after January 1, 2019 will be transitioned to the Class D7/D8 Subsidy HRA plan for pre-65 retiree medical benefits and Post-65 subsidy amounts will be eliminated.
  - IBEW 1393 participants who are currently eligible through the Cinergy HRA plan will have a choice of the Subsidy HRA benefit under Class D7/D8 or their Cinergy HRA balance under Class D9 frozen as of December 31, 2018 with interest given until retirement.
- Employees affected by the Midwest Commercial Generation transaction, whose assets and liabilities have been transferred to Dynegy, were removed from the year-end obligations of their respective benefit plans and treated as terminated on the sale date.
  - The CGEU pension plan was remeasured on April 1, 2015 as a result of the pension spin-off to Dynegy. Please refer to our letter dated May 26, 2015 for the curtailment and settlement accounting results treated as a net gain against the gain or loss of the sale of the MCG business. No other plans were remeasured for curtailment or settlement based on Duke Energy's review of materiality. The net asset transfer to Dynegy for RCBP plan is treated as an actuarial loss during 2015.
  - For the Legacy Duke and Cinergy Retiree Medical Plan, the liability that was transferred to Dynegy for union employees is shown on the "Business Combinations and Divestitures" line of the Benefit Obligation reconciliation. Because this event was deemed to be not material enough for a remeasurement, this is recognized as an actuarial gain and is also shown on the "Business Combinations/Divestitures" line of the Other Comprehensive Income statement. The change in

# WillisTowersWatson III'I'III

Ms. Donna Simon February 4, 2016

obligation for non-union participants who were not transferred to the Buyer are reported as a net actuarial gain/loss for the plan.

 Compensation and benefit limits for qualified pension plans under IRC Section 401(a)(17) and 415 have been updated for 2016 based on updated limits published by the IRS.

Notwithstanding than the above, we are not aware of any other significant events that would warrant special accounting (i.e. curtailment accounting or special termination accounting) or plan changes during 2015.

#### Limitations and Nature of Actuarial Calculations

This valuation has been conducted for the purposes described above and may not be suitable for any other purpose. In particular, please note the following:

- This report is not intended to constitute a certification of the Adjusted Funding Target Attainment Percentage (AFTAP) under IRC §436 for any plan year
- This report does not determine funding requirements under IRC §430.
- This report does not provide information for plan reporting under ASC 960.
- This report does not determine liabilities on a plan termination basis, for which a separate extensive analysis would be required. No funded status measure included in this report is intended to assess, and none may be appropriate for assessing, the sufficiency of plan assets to cover the estimated cost of settling benefit obligations, as all such measures differ in some way from plan termination obligations. In addition, funded status measures shown in this report do not reflect the current costs of settling obligations by offering immediate lump sum payments to participants and/or purchasing annuity contracts for the remaining participants (e.g., insurer profit, insurer pricing of contingent benefits and/or provision for anti-selection in the choice of a lump sum vs. an annuity).
- The comparisons of accounting obligations to assets presented in this report cannot be relied upon to determine the need for nor the amount of required future plan contributions, nor the tax deductibility of such contributions. Nevertheless, such comparisons may be useful to assess the need for future contributions because they reflect current interest rates at the measurement date in determining benefit obligations. However, asset gains and losses, demographic experience different from assumed, changes in interest rates, future benefit accruals, if any, and other factors will all affect the need for and amount of future contributions. In addition, if a plan is not required by law to be funded, benefit payments may also be paid directly as they come due.

The results shown in this report are estimates based on data that may be imperfect and on assumptions about future events that cannot be predicted with any certainty. Reasonable efforts were made in preparing this valuation to confirm that items that are significant in the context of the actuarial liabilities or costs are treated appropriately, and are not excluded or included inappropriately. Any rounding (or lack thereof) used for displaying numbers in this report is not intended to imply a degree of precision, which is not a characteristic of actuarial calculations.

If overall future plan experience produces higher benefit payments or lower investment returns than assumed, the relative level of plan costs reported in this valuation will likely increase in future valuations (and vice versa). Future actuarial measurements may differ significantly from the current measurements presented in this report due to many factors, including: plan experience differing from that anticipated by the economic or demographic assumptions,

# WillisTowersWatson I.I'I'I.I

Ms. Donna Simon February 4, 2016

increases or decreases expected as part of the natural operation of the methodology used for the measurements (such as the end of an amortization period), and changes in plan provisions or applicable law. Due to the limited scope of our assignment, we did not perform an analysis of the potential range of such future measurements. Retiree group benefits models necessarily rely on the use of approximations and estimates, and are sensitive to changes in these approximations and estimates. Small variations in these approximations and estimates may lead to significant changes in actuarial measurements.

#### Limitations on Use

The information contained in this report was prepared for the internal use of Duke Energy and its auditors in connection with our actuarial valuation of the pension and postretirement welfare plans as described above. It is not intended for and may not be used for other purposes, and we accept no responsibility or liability in this regard. Duke Energy may distribute this actuarial valuation report to the appropriate authorities who have the legal right to require Duke Energy to provide them this report, in which case Duke Energy will use best efforts to notify Willis Towers Watson in advance of this distribution. Further distribution to, or use by, other parties of all or part of this report is expressly prohibited without Willis Towers Watson's prior written consent. Willis Towers Watson accepts no responsibility for any consequences arising from any other party relying on this report or any advice relating to its contents.

# WillisTowersWatson III'I'III

Ms. Donna Simon February 4, 2016

#### **Professional Qualifications**

The undersigned consulting actuaries are members of the Society of Actuaries and meet the "Qualification Standard for Actuaries Issuing Statements of Actuarial Opinion in the United States" relating to pension and other postretirement benefit plans. Our objectivity is not impaired by any relationship between Duke Energy and our employer, Towers Watson Delaware Inc.

The Pricing Specialist below is responsible for developing and/or determining the reasonableness of retiree welfare plan trend and participation assumptions as well as assumed per capita claims costs (including the aging/morbidity assumption if applicable). The Valuation Actuary is responsible for other aspects of the valuation (e.g., developing and/or reviewing the reasonableness of other valuation assumptions and methods, ensuring that the valuation model reasonably reflects the substantive plan and actual plan operation, preparing demographic data, performing the valuation, implementing the correct accounting or funding calculations, etc.)

We will be pleased to discuss our findings at your convenience. Please do not hesitate to contact us if you have any questions.

Sincerely,

John Y. Thoms

Michael Thomas, F.S.A., E.A. Senior Consulting Actuary Valuation Actuary For pension and post-retirement benefit plans

Jamie Joch

Laurie Koch, F.S.A., E.A. Consulting Actuary Valuation Actuary For pension plans

Mark Alhanti, F.S.A., M.A.A.A. Senior Consulting Actuary *Pricing Specialist For post-retirement benefit plans* 

in Bloodell

Lori Blasdell, F.S.A., E.A. Senior Consulting Actuary Valuation Actuary For post-retirement benefit plans

cc: David Dye – Duke Energy Allen Carrick – Duke Energy Mike Archer, FSA – WillisTowers Watson

# Section 1: Year End 2015 Footnote Disclosures Duke Energy - All Legacy Plans Combined

	Qualified	Nongualified	5	ostretirement		
	Pension	Pension	Medica	Life	Total	Grand Total
Change in Benefit Obligation						
Benefit Obligation, Beginning of Yea	8,106,886,158	337,005,613	673,045,310	243,032,080	916,077,390	9,359,969,161
Business Combinations and Divestiture	(82,657,751)	0	(3,354,602)	0	(3,354,602)	(86,012,353)
Plan-to-Plan Transfers	0	0 3,836,811	0	0	U D	0 3,836,811
Payroll Company Transfers Service Cost	158,516,205	2,473,819	5,877,371	Ů	5,877,371	3,836,811
Interest Cost	324,452,775	13,359,172	26,567,621	9,669,749	36,237,370	374,049,317
Gross Benefits Paic	(533,561,373)	(25,746,302)	(90,370,161)	(10,021,011)	(100,391,172)	(659,698,847)
less: lederal subsidy on benefits pai	0	,	575,157	0	575,157	575,157
Plan Participants' Contribution:	0	Û	20,165,514	36,480	20,201,994	20,201,994
Actuarial Loss/(Gain	(239,820,766)	10,080,074	(27,409,939)	(11,860,791)	(39,270,730)	(269,011,422)
ERRP Receipts (applied against Claims Paid	0	0	0	0	0	0
Plan Amendments	(6,373,403)	0	(8,410,883)	0	(8,410,883)	(14,784,286)
Impact of Settlements and Curtailments	0					0
Benefit Obligation, End of Year	7,727,441,845	341,009,187	595,685,388	230,856,507	827,541,895	8,895,992,927
Accumulated Benefit Obligation, End of Yea	7,606,419,581	335,682,593	0	0	0	7,942,102,174
Weighted Average Assumption:						
Used in Determining Benefit Obligations						
Discount Rate	4.40%	4.40% N/A	4.40%	4.40%	4.40%	4.40%
Interest Crediting Rate Rate of Compensation Increase	4,25%/4.00% 11.50% to 3,50%	N/A	N/A N/A	N/A N/A	N/A N/A	4.25%/4.00% 11.50% to 3.50%
Health Care Cost Trend Rate	11.30% 10 3,30%	DØA	NA	N/A	R/A	11.50% to 3.50%
Initial rate	N/A	N/A	7.50%	N/A	7.50%	7,50%
Ultimate rate	N/A	N/A	4.75%	N/A	4.75%	4.75%
Years to utimate	N/A	N/A	7	N/A	7	7
Measurement Date(s)	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015
Effect of one-percentage-point change in assumed health car cost trend rate on postretirement benefit obligatio	æ					
- Increase	N/A	N/A	29,221,962	N/A	29,221,962	29.221.962
Decrease	N/A	N/A	(25,703,883)	N/A	(25,703,883)	(25,703,883)
Change in Plan Asset(						
Market Value of Assets, Beginning of Yea	8 497 972 078	0	180,912,740	46,130,092	227,042,832	8,725,014,910
Settements	(80,729,606)	ő	100,312,740	40,130,092	221,0=2,032 D	(80,729,605)
Plan-to-Plan Transfer:	(00,125,000,	ŏ	ŏ	ŭ	ŏ	(00,120,000)
Payrol Company Transfere	ő	õ	ō	õ	ō	ō
Actual Return on Assets (Net of Expenses	(49,254,958)	0	(1,565,704)	257,615	(1,308,089)	(50,563,047)
Plan Participants' Contribution:	0 Ó	a	20,165,514	36,480	20,201,994	20,201,994
Employer Contribution:	301,999,998	25,746,302	57,208,093	4,785,615	61,993,708	389,740,008
Benefits Paid	(533,561,373)	(25,745,302)	(90,370,161)	(10,021,011)	(100,391,172)	(659,698,847)
Market Value of Assets, End of Yea	8,136,426,138	0	166,350,481	41,188,790	207,539,271	8,343,965,409
Funded Status, End of Year	408,964,293	(341,009,187)	(430,334,907)	(189,667,717)	(620,002,624)	(552,027,518)
Amounts Recognized in the Statement of Financia						
Position						
Noncurrent Assets	474,126,477	0	0	0	0	474,126,477
Current Liabilities	0	(27.213.876)	(28,210,800)	(8,360,447) (181,307,270)	(36,571,247) (583,431,377)	(63,785,123)
Noncurrent Llabilitien Net Benefit Asset/(Liability) at End of Yea	<u>(65,142,184)</u> 408,984,293	(313,795,311) (341,009,187)	(402,124,107)	(189,667,717)	(620,002,624)	(962,368,872) (552,027,518)
	400,304,235	(341,005,101)	(430,334,301)	(105,001,111)	(020,002,024)	(002,021,010)
Amounts Recognized in Accumulated Other						
Comprehensive Income	0	0	0	D	0	
Net Transition Obligation/(Asset Prior Service Cost/(Credit	(105,375,199)	(7,770,528)	(292,876,046)	(68,565,308)	(361,442,354)	0 (474,588,081)
Net Actuarial Loss/(Gain	2,115,443,265	92,678,149	(31,568,668)	86,848,160	55.079.492	2,263,200,906
Tota!	2,010,068,066	84,907,621	(324,444,714)	18,081,852	(306,362,862)	1,788,612,825
		0	• • • •			
EXPECTED CASH FLOWS						
Expected Employer Benefit Payments (Net of Part D						
Subsidy)						
2016	628,029,617	27,806,136	61,239,119	14,665,375	75,904,494	731,740,247
2017	638,588,815	28,673,981	61,210,643	14,738,805	75,949,448	743,212,244
2018	539,606,429	24,896,512	59,555,521	14,807,794	74,363,315	738,866,256
2019	643,436,270	25,652,413	57,680,338	14,856,935	72,537,273	741,625,956
2020	641,462,477	25,201,439	55,872,240	14,869,735	70,741,975	737,405,891
2021-2025	3,052,709,969	125,520,219	237,562,425	74,010,761	311,573,186	3,489,803,374

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#### Section 1:

#### Year End 2015 Footnote Disclosures Duke Energy - All Legacy Plans Combined

Duke Energy - An Legacy Fians Com	oluéo

	Qualified	Nonqualified	P	ostrelirement		
	Pension	Pension	Medical	Life	Total	Grand Total
Expected Company Contribution:	145,000,000	27,792,604	28,824,757	8,542,397	37,367,154	210,159,758
Expected Subsidies from Medicare Part E						
2016 2017	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
2017	N/A N/A	N/A	N/A	N/A	N/A	N/A
2019	N/A	N/A	N/A	N/A	N/A	N/A
2020	N/A	N/A	N/A	N/A	N/A	N/A
2021-2025	N/A	N/A	N/A	N/A	N/A	NA
Components of Net Periodic Benefit Cos	454 540 045	0.170.040	c a 77 a 74	_	c	
Service Cost Expected Administrative Expense:	158,516,205 7,915,721	2,473,819	5,877,371 0	0	5,877,371	166,867,395 7,915,721
Interest Cost	324,452,775	13,359,172	26.567.621	9,669,749	36,237,370	374,049,317
Expected Return on Plan Asset:	(515,646,557)	0	(10,100,383)	(2,243,807)	(12,344,190)	(527,990,747)
Amortization of Net Transition Obligation/(Asset	0	0 (912,966)		0	0	0
Amortization of Prior Service Cost/(Credit Amortization of Net Actuarial Loss/(Gain	(15,211,753) 166,319,673	(912,966) 6,086,173	(134,777,231) 10.621,767	(5,667,186) 5,377,722	(140,444,417) 15,999,489	(156,569,136) 188,405,335
Settlement and Special Termination Benefit Charge/(Credit	0	0,000,110	0.021.00	0,0,1,1,22	0	100,403,355
Net Periodic Benefit Cost	126,345,064	21,006,198	(101,810,856)	7,136,478	(94,674,378)	52,677,884
Other Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Incom						
Business Combinations/Divestitures - Net Actuarial Loss/(Gain Business Combinations/Divestitures - Prior Servico	5,185,494	0	(3,354,602)	0	(3,354,602)	1,830,892
Cost/(Credit)	254,448	0	0	0	0	254,448
Settlement Adjustmente	0	0	0	0	0	0
Net Actuarial Loss/(Gain Amortization of Net Actuarial (Loss)/Gair	317,165,028 (166,319,673)	10,080,074 (6,086,173)	(15,743,852) (10,621,767)	(9,874,599) (5,377,722)	(25,618,451) (15,999,489)	301,626,651 (188,405,335)
Prior Service Cost/(Credit	(6,373,403)	0	(8,410,883)	0	(8,410,883)	(14,784,286)
Amortization of Prior Service (CostVCredi	15,211,753	912,966	134,777,231	5,667,185	140,444,417	156,569,136
Amortization of Net Transition (Obligation)/Asse	0	0		(0.595 +25)		0
Total Recognized in Other Comprehensive Incom	165,123,647	4,905,867	96,646,127	(9,585,135)	87,060,992	257,091,506
Total Recognized in Net Periodic Benefit Cost and Other		AC ALD APC	15 404 700	10 140 553	<i></i>	
Comprehensive (ncome	291,469,711	25,913,065	(5,164,728)	{2,448,657}	(7,613,385)	309,769,391
Estimate of Amounts that will be Amortized Out of						
Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2016						
Net Transition Obligation/(Asset	0	C	۰	0	0	P
Prior Service Cost/(Credit)	(16,339,379)	(1,089,921)	(135,890,195)	(5,667,186)	(141,557,381)	(158,986,681)
Net Actuarial Loss/(Gain	132,055,981	7,761,289	1,608,116	4,344,370	5,952,486	145,769,755
Total	115,716,602	6,671,358	(134,282,079)	(1,322,816)	(135,604,895)	(13,216,925)
Weighted Average Assumption: Used in Determining Cost						
Discount Rate	4,10%	4.10%	4.10%	4.10%	4.10%	4.10%
Interest Crediting Rate Expected Return on Plan Assets (EROA Adjusted for	4.25%/4.00%	N/A	N/A	N/A	N/A	4.25%/4.00%
UBIT	6.50%	N/A	6.50%	5.00%	6,50%	6,50%
Rate of Future Compensation Increase: Medical Trend Rate	11.50% to 3.50%	N/A	N/A	N/A	N/A	11.50% to 3.50%
Initial rate	N/A	N/A	6.75%	N/A	6.75%	6.75%
Ultimate rate Years to utimate	N/A N/A	N/A N/A	4.75%	N/A N/A	4.75%	4.75% 8
Measurement Date(s)	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014
Effect of one-percentage-point change in assumed health care cost trend rate on aggregate service and interest cost - increase	N/A	N/A	1,587,927	N/A	1,567,927	1,587,927
Decrease	N/A	N/A	(1,386,481)	N/A	(1,385,451)	(1,386,481)

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	closures	uke Energy - All Legacy Qualified Plans
	ear End 2015 Footnote Disclosures	Legacy Qu
÷	1 2015 Fee	ergy - All
Section .	Year End	Duke En

			•														
Duke Energy Florida <u>802</u>	1,335,376,220 0	0 (7,983,817) 20,469,712	54,220,680 (68,396,891)	0 (62,224,413) (3,782)	0 1,276,457,709	1,240,471,967	4,40% 4,25%4,00% 11,50% to 3,50% 12/31/2016	1,363,444,416		(11,095,128) (11,095,128)	40,485,178 (68,396,841)	1,321,454,757	690,799,649	81,411,396 0 (36,414,347) 44,997,049	0 (6.788.260) 417.284.360 417.284.360	70,570,212 73,409,550 75,459,637 77,493,802 80,621,160 80,621,162	19,692,128
Duke Energy Progress <u>801</u>	1,187,428,008 D	18,186 6,951,965 23,458,823	48,015,416 (76,375,100)	0 (46,942,957) (246)	1,142,555,084	1,142,442,554	4.40% 4.25%4.00% 11.50% to 3.50% 12/31/2015	1,321,690,369	18,186	6,951,955 (11,717,344)	42,494,366 76.375 100)	1,283,062,432	140,507,348	140,524,556 0 140,507,349	0 (10,936,491) <u>371,042,018</u> 360,105,527	91,441,780 92,143,813 92,143,813 91,306,229 92,176,836 438,480,367	23,737,919
Duke Energy Discontinued Oper. <u>DSC</u>	175,321,946 0	0 0 33,178	6.758,220 (16,183,982)	0 (012,898) 0	165,030,652	165,030,635	4.40% 4.25%44.00% 11.50% to 3.50% 12.31/2015	184,951,185	• •	0 (273,419)	2,125,431 (16,183,937)	170,119,216	5,088,563	10,070,157 0 (4, <u>981,594</u> ) 5,088,563	412,006 412,006 <u>59,827,095</u> 60,239,104	22,438,603 20,039,816 17,899,542 15,789,262 15,429,852 51,361,792	870,720
Duke Energy Internationa <u>600</u>	5,527,474 0	0 0 247,213	225,090 (433,576)	33,061	5,599,263	5,599,263	4.40% 4.25%44.00% 11.50% to 3.50% 12/31/2015	8,213,589	00	0 (33,946)	447,775 (433,576)	8,193,842	2,594,580	2,594,580 0 2,594,580	0 (311,904) <u>299,260</u> (12,644)	625,348 225,600 497,339 497,339 433,462 893,462 893,452 2,328,752	212.012
ike Energy Kentuck) <u>536</u>	97,506,944 0	0 6,452,382 1,471,274	3,856,988 (7,158,134)	u (1,210,876) (79,864)	100,828,713	97,631,975	4.40% 4.25%44.00% 11.50% to 3.50% 12/31/2015	95,391,325	00	6,452,382 (505,829)	2,203,439 77,158,1341	96,373,183	(4,455,530)	1,121,197 0 (5,576,727) (4,455,530)	0 (281,160) 20,133, <u>654</u> 19,852,694	6,113,289 6,113,289 6,393,903 7,201,035 7,201,019 7,319,119 39,399,156	1,258,484
Duke Energy Indiana Duke Energy Kentuch <u>336</u>	672,940,608 0	0 0 10,178,450	27,096,874 (42,223,946)	0 (14,571,386) (4,302,790)	649,117,811	627,933,352	4.40% 4.25%4.00% 11.50% to 3.50% 1231/2015	680,872,725	00	0 (2,803,477)	19,226,473 (42,223,946)	655,071,775	5,953,964	6,489,193 6,489,193 (535,229) 5,953,964	0 (3,694,002) 112, <u>548,041</u> 108,854,039	47,350,380 47,459,823 46,511,833 47,249,255 47,740,059 230,477,925	9,258,856
Duke Energy Ohio <u>503</u>	371,969,864 0	[18,186] 1,401,330 2,737,138	14,450,964 (29,998,266)	0 (8,235,062) (236,531)	352,091.251	344,274,464	4:40% 4.25%4,00% 11.50% to 3.50% 12231/2015	360,631,306	0 (18,186)	1,401,330 (1,781,446)	5,971,227 (29,998,266)	316,205,965	(15,885,287)	(4,132,616) 0 (11,752,671) (15,885,287)	0 (1352,484) <u>58,339,502</u> 58,987,018	29,770,87 29,205,599 27,678,206 27,243,206 27,243,253 27,058,253	2,911,737
Duke Energy Commercial Enterprises, Inc.	263, 167, 265 (78, 820, 971)	0 0 4,272,022	8,837,851 (13,306,771)	(25,868,671) (6,289)	158,204,336	156,421,276	4.40% 4.25%4.00% 11.50% to 3.50% 12/31/2015	265,426,234	(cUE,128,81) 0	0 (1.018,165) 0	11,391,924 (13.305.771)	187,654,917	29,450,581	25,352,209 0 298,371 29,450,581	0 (2,680,096) 43,847,705 41,167,610	13, 359, 707 13, 299, 581 13, 338, 653 12, 308, 658 57, 382, 392	3,339,625
Duke Energy Business Services <u>110</u>	1,910,707,386 (3,766,780)	0 (20,085,183) 45,446,708	76,950,178 (131,844,077)	(24,946,314) (1,763,801)	1,850,698,118	1,802,012,943	4.40% 4.25%(4.00% 11.50% to 3.50% 12231/2015	1,879,982,384	(105,268,c) 0	(20,085,183) (9,469,307)	86,679,700 (131,844,077)	1,799,371,216	(51,326,902)	(41, f94, 456) (41, f94, 456) (10, 132, 445) . (51, 326, 902)	0 (31,580,447) <u>506,954,243</u> 475,373,796	154,486,505 155,302,479 156,829,479 159,188,916 159,180,048 157,000,167	40,539,867
D Duke Énergy Carolinas <u>100</u>	2,052,579.761 0	0 8,263,333 50,201,687	82,667,631 (145,831,855)	(52,514,831) 0 0	1,995,365,726	1,993,107,971	4.40% 4.25%4.00% 11.50% to 3.50% 12/31/2015	2,299,966,788		8,263,333 (9,723,316) 0	90,900,156 (145 B31 855)	2,243,575,107	248,209,381	248,039,615 0 16 <u>9,765</u> 248,209,381	0 (49,162,361) <u>521,402,465</u> 472,240,104	189.256,773 199.154,613 202.862,405 202.269,653 200.394,457 906,301,936	43,143,702
Payroll Company Atomic is Barelia Attraction	change in Benefic Curigation Benefit Obligation, Beglinning of Yea Business Combinations and Divestiture	Plan-to-Plan Transfer. Peyrol Company Transfer. Service Cost	Interest Cost Gross Benefits Paic	Plan Falucpans: Controutor: Actuatial Loss/(Gain Plan Amendments	Impact of Settlements and Curtatiments Benefit Obligation, End of Yeai	Accumulated Benefit Obligation, End of Yea	Weighted Average Assumption: Used in Determining Brenkt Chilgafons Discount Rate Interest Creding Rate Rate of Compensation Increast Messurement Date(s;	Change in Plan Assets Market Value of Assets, Beginning of Yea	sertements Plan-to-Plan Transfert	Payrol Company Transfer: Adual Return on Assels (Net of Expenses Box Darticitority Combinition	rian rancipans. Computering Employer Contribution: Benefits Paria	Market Value of Assets, End of Year	Funded Status, End of Yea:	Amounts Recognized in the Statement of Financia Position Noncurrent Assets Current Liabilitie: Moncurrent Liabilitie: Mit Benefit Asset(Liability) at End of Yea	Amounts Recognized in Accumulated Other Comprehensie Income Net Transidon Obligation(Vaset Prio: Service Cost(Creat) Net Actuariat Loss(Gain" Total	EXPECTED CASH FLOWS EXPECTED CASH FLOWS Subsidy) 2016 2016 2019 2019 2019 2019 2019 2019 2019 2019	Expected Company Contribution:

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# Section 1: Year End 2015 Fooinote Disclosures Duke Energy - All Legacy Qualified Plans

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Payroll Company	Duke Energy Carolinas 189	Duke Energy Business Services <u>110</u>	Duke Energy Commerciai Enterprises, Inc. <u>501</u>	Duke Energy Ohio <u>503</u>	Duke Energy Indiana <u>529</u>	Dake Energy Kentuck; <u>536</u>	Duke Energy International <u>600</u>	Duke Energy Discontinued Oper <u>DSC</u>	Duke Energy Progress <u>801</u>	Duke Energy Florida <u>802</u>
Components of Net Periodic Benefit Cos Service Cost Expected Administrative Expense: Interest Cost Expected Return on Plan Asset: Amorization of Net Transition Obligation/(Asset Amorization of Prior Service Cost/(Credit Amorization of Net Actuarial Loss/(Gain SetWennent and Special Termination Benefit Charge/(Credit Net Periodic Benefit Cost	50,201,687 2,090,975 82,667,631 (136,367,774) (7,709,554) 39,325,645 0 26,208,610	45,446,708 1,719,539 76,550,178 (113,345,690) (4,845,068) 38,397,447 0 44,323,114	4,272,022 230,390 8,837,851 (14,355,412) 0 (422,611) 4,038,590 0 2,660,830	2,737,138 307,764 14,450,964 (21,272,073) 0 205,516 5,018,053 0 1,447,362	10,178,450 617,143 27,096,874 (40,942,341) 428,251 8,634,309 6,012,686	1,471,274 79,476 3,856,598 (5,732,142) 0 26,935 1,545,323 0 1,247,855	247,213 7,445 225,090 (499,654) 0 (49,082) 13,249 0 (54,739)	33,178 167,816 6,758,220 (10,752,042) 0 187,330 4,303,661 0 0 698,163	23,458,823 1,351,115 48,016,416 (80,338,582) 0 (1,903,635) 33,472,330 24,055,465	20,469,712 1,305,790 54,220,680 (87,658,205) 0 (1,129,835) 31,293,390 9 18,491,532
Other Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Incom										
Business Combinations/Divestitures - Net Actuarial Loss/(Gai Business Combinations/Divestitures - Prior Service Cost(Credit) Setflement Adjustments Net Actuarial Loss/(Gain Amorization of Net Actuarial (Loss)/Gain Prior Service Cost/(Credit Amorization of Prior Service (Cost)/Credi Amorization of Prior Service (Cost)/Acredit Amorization of Net Transition (Obligation)/Asse Total Recognized in Other Comprehensive Incom	3,186,887 82,529 0 93,485,284 (39,325,645) 0 7,709,554 <u>0</u> 65,138,609	(3,497,967) 359,644 0 96,149,144 (38,397,447) (1,763,801) 4,645,068 0 57,694,664	3,059,973 254,450 0 (10,725,484) (4,098,590) (6,389) 422,511 0 (11,093,428)	334,803 (118,237) 0 (5,018,053) (216,531) (205,516) <u>9,287,139</u>	0 28,557,289 (8,634,309) (4,302,790) (428,251) 0 15,191,939	1,232,899 (113,870) 0 4,947,619 (1,545,323) (79,864) (25,936) 	0 0 558,216 (13,249) 0 49,082 <u>0</u> 594,049	0 0 10,458,935 (4,303,661) 0 (187,330) <u>0</u> 5,967,944	1,937,402 (231,797) 0 43,761,854 (33,472,330) (246) 1,903,636 0 0 13,898,518	(1.068,503) 21,729 0 35,233,130 (31,293,390) (3,782) 1,129,835 0 4,019,018
Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Incomt	93,347,219	102,017,755	(6,432,598)	10,734,521	21,204,625	5,662,380	539,310	6,666,107	37,954,984	22,510,550
Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2016 Net Transition Obligation/(Asset Prior Service Cost/(Czedif Net Actuarial Loss/(Gain Total	0 (7,697,499) <u>30,688,007</u> 22,990,508	0 (4,984,461) <u>29,943,796</u> 24,959,315	0 (423,271) <u>2,015,348</u> 1,592,077	0 149,068 <u>2,752,747</u> 2,901,815	0 (458,694) <u>6,415,961</u> 5,957,267	0 4,098 <u>899,382</u> 903,480	0 (49,082) (36,797)	0 187,331 <u>3,657,199</u> 3,744,530	0 (1,940,830) <u>24,630,465</u> 22,689,635	0 (1,126,019) <u>31,007,678</u> 29,961,659
Weighted Average Assumption: Used in Determining Cost Discount Rate Interest Creding Ratt Expected Return on Plan Asset: Rate of Future Compensation Increase: Measurement Date(s)	4.10% 4.25%/4.00% 6.50% 11.50% to 3.50% 12/31/2014	4.10% 4.25%/4.00% 6.50% 11.50% to 3.50% 12/31/2014	4.10% 4.25%/4.00% 6.50% 11.50% to 3.50% 12/31/2014	4.10% 4.25%/4.00% 6.50% 11.50% to 3.50% 12/31/2014	4.10% 4.25%/4.00% 6.50% 11.50% to 3.50% 12/31/2014	4.10% 4.25%4.00% 6.50% 11.50% to 3.50% 12/31/2014	4.10% 4.25%/4.00% 8.50% 11.50% to 3.50% 12/31/2014	4.10% 4.25%/4.00% 6.50% 11.50% to 3.50% 12/31/2014	4.10% 4.25%/4.00% 6.50% 11.50% to 3.50% 12/31/2014	4.10% 4.25%44.00% 6.50% 11,50% to 3.50% 12/31/2014

All Plans Total	8,106,886,158 (82,657,751) 0 0	158,516,205 324,452,775 (533,561,373) 0	(239,820,766) (6,373,403)	7,727,441,845	7,606,419,581	4,40% 4,25%4.00% 11,50% to 3,50% 12/31/2015	8,497,972,078 (80,729,606) 0	0 (49,254,958)	301,929,929 (533,551,373)	6,1.50,425,1.30 408,984,293	474,126,477 0	(65,142,184) 408,984,293	0 (105,375,193) 2.115,442,265 2.010,068,066	628,029,617 638,588,8815 639,606,429 641,462,477 641,462,477 3,032,709,969	145,000,000
Progress Fuels Corporation	17,723,984 0 0	0 706,495 (877,582)	(1,651,266) 0	15,901,630	15,901,630	4.40% 4.25%4.00% 11.50% to 3.50% 12/31/2015	17,640,192 0 0	0 (157,208)	39,842 (877,582) (677,582)	743,613	743.613 0	743,613	0 0 420,092 420,092	952,576 965,740 1,025,445 1,046,078 5,258,348	16.440
Florida Progress Corp	16,636,700 0 0	0 665,388 (921,195)	(789.341) 0 0	15,591,551	15,591,551	4.40% 4.25%4.00% 11.50% to 3.50% 12/31/2015	19,762,565 0 0	(176,373)	33,488 (921,195)	3,106,934	3,106,934 0	3,106,934	0 0 2,344,626 2,344,626	87.4.557 881,361 938,591 938,591 938,745 938,74509 5,204,609	18,510

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Florida Progress Corp	Progress Fuels Corporation	All Plans Total
0 20,209 665,388 (1,258,555) 0 0 147,550	0 18,039 706,495 (1,115,087) 0 0 70,126	158,516,205 7,915,721 324,452,775 (515,646,557) 0 (15,211,753) 166,319,673
0 (425,408)	0 (320,427)	0 126,346,064
0	D	5,185,494
0 0	0	254,448 0
625,378 (147,550) 0 0	(397,010) (70,126) 0	317,165,028 (166,319,673) (6,373,403) t5,211,753
477,828	(467,136)	165,123,547
52,420	(787,563)	291,469,711
0 53,113 53,113	0 0 0	0 (16,339,379) <u>132,055,981</u> 115,716,602
4.10% 4.25%/4.00% 6.50% 11.50% to 3.50% 12/31/2014	4.10% 4.25%/4.00% 6.50% 11.50% to 3.50% 12/31/2014	4.10% 4.25%4.00% 6.50% 11.50% to 3.50% 12/31/2014

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Section 1:	Year End 2015 Footnote Disclosures Duke Energy - All Legacy Nonqualified Plans
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Duke Enorgy Florida <u>802</u>	60,556,949 0		112,665 2,403,516 (3,313,504)	0 (13,741,232)	46,018,394	46,018,394	4.40% NVA NVA 1/2/31/2015	0 0 0 0 2,215,55 0 2,215,55 0 2,215,55 0 0 2,215,55 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	(46,018,394)	0 (567,512,5) (666,513,52) (262,513,52)	0 (1,365,659) 1,284,247 9,918,548	3,238,148 3,279,087 3,256,198 3,265,770 3,203,570 15,693,345	3,298,148
Duko Energy Progress <u>801</u>	34,842,284 D		564,401 1,399,016 (2,619,940)	0 (1,071,276)	33,114,486	33,114,485	4.40% N/A N/A 12/3/12/015	2,619,940 2,619,940 2,619,940 2,619,940 2,619,940	0	(33,114,486)	0 (2,542,096) (30,572,390) (33,114,486)	0 (556,446) <u>6,442,284</u> 5,885,838	2.597,421 2.574,742 2.574,742 2.5481,2903 2.481,257 2.481,257	2,597,421
Dake Energy Discontinued Oper. I	11,029,335 D	3,802,943	0 427,776 (1,531,395)	3,703,812	17,432,471	17,432,471	4.40% N/A N/A 12/31/2015	0 0 1,531,395 (1,531,395 (1,531,395)		(17,432,471)	(1,192,009) (1,195,009) (15,237,462) (17,432,471)	0 (78,746) <u>3,136,550</u> 3,056,804	1,221,016 1,219,831 1,177,682 1,177,682 1,103,291 1,103,291 5,127,637	756,429
Duke Energy International	978,915 D	00	48,577 40,373 (86,092)	0 (476,836)	504,937	504,937	4.40% N/A N/2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	(20H,H37)	0 (84,787) (420,150) (504,937)	0 (95,377) ( <u>585,841</u> ) (581,218)	86,632 94,586 73,735 94,586 94,586 116,881 12,259	86,632
ke Energy Kentuck) <u>536</u>	148,479 0		ا 5,873 (10,571)	(3.047)	140,734	140,734	4.40% NIA NIA NIA	0 0 0 10,571 10,571	0	(140,734)	0 (10.740) (130.394) (140.734)	0 0 51.457 51.457	10,565 10,565 10,536 10,536 10,469 10,469	10,565
Duke Energy Indian: Duke Energy Kenlucky <u>536</u>	5,026,748 0	0 33,868	0 196,092 (426,589)	0 107,145	4,937,263	4,613,206	4.40% NN NI 12/1/2015	0 0 426,589 426,589	0	(4,937,263)	0 (453,033) (4,484,230) (4,937,253)	0 (9,940) 590,338 580,398	462,892 449,323 435,135 435,135 435,135 506,286 506,286 2,049,484	462,892
Duko Energy Ohio <u>503</u>	4,145,223 D		0 163,446 (302,342)	0 (149,976)	3,856,351	3,856,351	4,40% NIA NIA NIA	0 0 0 302 A 6 302 A 2 302 A 2	0	(3,856,351)	0 (313,529) (313,529) (3,856,351)	0 17 655.255 655.272	320,352 313,927 307,016 304,528 304,528 304,528	320,352
Duke Errergy Commercial Enterprisos, Inc.	4,472,419 D		144,868 186,001 (517,754)	0 514,252	4,799,786	3,765,537	4,40% NIA NIA 12/31/2015	0 0 0 517,75 547 (517,754)	0	(4,799,785)	0 (101,928) <u>(4,697,858)</u> (4,799,786)	0 (300,249) 1 <u>093,787</u> 783,538	104,146 157,647 157,253 181,223 312,647 332,647 332,647	104,146
Duke Energy Business Services <u>110</u>	179,678,084 0	00	1,384,890 7,121,150 (12,590,806)	0 5,473,936	181,067,254	177,475,503	4.40% NA NA 12/31/2015	0 0 12,590,805 12,590,805 0 12,590,805 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	(181,067,254)	0 (14,834,682) (166,232,572) (181,067,254)	0 (5,092,562) 59, <u>645,545</u> 54,732,983	15, 157, 532 15, 177, 285 12, 875, 609 12, 875, 609 13, 182, 270 66, 360, 127 66, 360, 127	15,157,532
Duke Energy Carolinas 1 <u>100</u>	15,520,838 0		218.418 597.474 (2.026.270)	0 1,658,010	15,968,469	15.591,933	4.40% NA NA NA	2,005,270)	0	(15,968,469)	0 (2,253,239) (13,715,230) (15,968,469)	0 (270,526) 6.774,102 6.503,576	2,302,277 2,302,377 1,8951,3745 1,841,745 1,841,745 9,315,428	2,753,332
Payroll Company	Change in Benerir Obigation Benefit Obligation: Boginning of Yea Breitess Combinations and Diversiting	Plan-to-Plan Transfert Payroll Company Transfert	Service Cost Interest Cost Gross Benefits Paic	Plan Participants' Contribution: Administ Loss(Gain Plans Administ Loss(Gain	rian Amenoments Impact of Settlements and Curtailment: Benefit Obligation, End of Year	Accumulated Benefit Obligation, End of Yea	Weighted Average Assumption Dead an Overage Assumption Discount fast Interest Orading fant Rate of Compensation Increast Measurement Date's:	Change in Plan Assets Matext Value of Assets. Beginning of Yea Settlements Plan-to-Plan Transfert Plan-to-Plan Transfert Actual Return on Assets (Net of Expenses Plan Participants' Contribution Plan Participants' Contribution Benefits Paid Benefits Paid	Market Value of Assels, End of Year	Funded Status, End of Year	Amounts Recognized in the Statement of Financia Position Noncurrent Aasek Current Labitiker Noncurrent Labitiker Net Beneft Azsev(Llabitiky) at End of Yea	Amounts Recognized in Accumulated Other Comprehensive Income Net Translon Obigation(Acsel Per Service Cost(Credit, Net Actualia) Loss(Gain Total	EXPECTED CASH FLOWS Expected Employor Benefit Payments (Net of Part D Subsidy) 2017 2019 2019 2020 2020 2025	Expected Company Contributions

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# Section 1: Year End 2015 Footnote Disclosures Duke Energy - All Legacy Nonqualified Plans

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Payroll Company	Duke Energy Carolinas 100	Duke Energy Business Services <u>110</u>	Duke Energy Commercial Enterprises, Inc. <u>501</u>	Duke Energy Ohio <u>503</u>	Duke Energy Indianz 529	Duke Energy Kentucky <u>536</u>	Duke Energy International <u>600</u>	Duke Energy Discontinued Oper <u>DSC</u>	Duke Energy Progress <u>801</u>	Duke Energy Florida <u>802</u>
Expected Subsidies from Medicare Part C 2016 2017 2018 2019 2020 2020 2021-2025	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	NIA NIA NIA NIA NIA	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	NIA NIA NIA NIA NIA	N/A N/A N/A N/A N/A	NIA NVA NVA NVA NVA	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A
Components of Net Periodic Benefit Cos Service Cost Expected Administrative Expense: Interest Cost Expected Return on Plan Asset Amortization of Net Transition Obligation/(Asset Amortization of Prior Service Cost/(Credit Amortization of Net Actuarial Loss/(Gain Settlement and Special Termination Benefit Charge/(Credit Net Periodic Benefit Cost	218,418 0 597,474 0 2,826 379,602 0 1,198,320	1,384,890 0 7,121,150 0 (521,172) 4,112,093 12,097,261	144,858 0 186,001 0 (43,586) 43,600 0 330,283	0 0 163,446 0 2,944 59,746 0 226,136	0 0 196,092 0 8,848 35,852 0 240,792	0 5,873 0 4,844 9,917	48,577 0 40,373 0 (15,648) (8,088) 0 65,214	0 0 427,775 0 (10,479) (42,090) 375,207	564,401 1,399,016 0 (97,099) 520,069 0 2,486,387	112,665 0 2,403,516 0 (239,600) 1,507,933 3,784,514
Other Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Income										
Business Combinations/Divestitures - Net Actuarial Lossi/(Ga Business Combinations/Divestitures - Prior Service Cost/(Credit) Settlement Adjustments Net Actuarial Lossi/(Gain Amorization of Net Actuarial Prior Service Cost/(Credit Amorization of Net Transition (Obligation)/Asse Total Recognized in Other Comprehensive Incom	# 0 0 1,558,010 (379,602) 0 0 0 0 1,275,582	0 5,473,936 (4,112,393) 0 521,172 	0 514,252 (43,000) 0 43,586 	0 0 (149,976) (59,746) 0 (2,944) (212,666)	0 0 107,145 (35,852) 0 (8,848) 	0 0 (3,047) (4,044) 0 	0 (476,836) 8,088 0 15,648 <u>0</u> (453,100)	0 3,703,812 42,090 10,479 0 3,756,381	0 0 (1.071,276) (620,069) 97,099 	0 (13,741,232) (1,507,933) 239,600 (15,009,565)
Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Income	2,473,902	13,979,976	845,121	13,470	303,237	2,826	(387,886)	4,131,588	892,141	(11,225,051)
Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2016 Vet Transtion Obligation/(Asset Prior Service Cost/(Credit Vet Actuarial Loss/(Gain) Fota!	0 (20,566) 599,078	0 (667,528) 5,274,444 4,606,916	0 (45,574) <u>100,051</u> 54,477	0 2,589 59,938 62,527	0 7,468 54,000 61,468	0 0 <u>4,707</u> 4,707	0 (15,648) (53,588) (69,236)	0 (13,547) <u>286,908</u> 273,361	0 (97,515) <u>511,493</u> 413,978	0 (239,600) 709,400 469,800
Neighted Average Assumption: Used in Determining Cost Discount Rate Interest Crediting Ratt Expected Return on Plan Asset: Rate of Future Compensation Increase Measurement Date(s)	4.10% N/A N/A 12/31/2014	N/A N/A N/A	4.10% N/A N/A N/A 12/31/2014	4.10% N/A N/A 12/31/2014	4.10% N/A N/A N/A 12/31/2014	4.10% N/A N/A N/A 12/31/2014	4.10% N/A N/A N/A 12/31/2014	4.10% N/A N/A 12/31/2014	4.10% NA NA NA 12/31/2014	4.10% NVA NVA NVA 12/31/2014

All Plans Tola	337,005,613 0 3,816 2,813,819 13,359,172 13,359,172 (25,746,302) 13,359,187 0 10,009,187 335,582,593	4.40% 4.40% NA NA NA NA NA S25,746,302 25,747,302 25,746,302,302,302,302,302,302,302,302,302,302	(341,009,187) 0 (27,213,876) (313,795,211) (341,009,187)	0 (7,770,528) <u>92,678,149</u> 84,907,621	27,406,136 28,573,981 28,655,222,413 25,520,419 125,520,219 27,792,604
Florida Progress Corp and Progress Fuels Corporation	20,606,338 0 0 1 2,321,039 14,065,287 14,065,287 33,169,041 33,169,041	4.40% AMA AMA AMA AMA AMA 1201/1521 1201/1521 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 028,092,425 0,425	2,245,155 2,209,747 2,1146,444 2,1146,444 2,117,696 10,109,698 2,245,155

All Plans Total	nia Nua Nua Nua Nua Nua	2,473,819 13,359,172 0 (312,566) (312,566) 6,066,173 21,006,198	0 0 10,080,074 (6,086,173) 912,966 912,966 4,906,867	25,913,065 895,1370 0 17,108,280 17,10 1,750 1,750 1,388	4.10% NIA NIA NIA NIA
Florida Progress Corp and Progress Fuels Corporation	A N N N N N N N N N N N N N N N N N N N	0 818,455 0 0 (628,288) (628,288) 192,167	0 0 14,065,287 622,286 622,286 14,691,575	14,863,742 0 194,202 194,202	4.10% NIA NIA NIA 120112014

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#### Section 1: Year End 2015 Footnote Disclosures Duke Energy - All Legacy Welfare Plans

Derus II Compose	Duke Energy Carolinas	Duke Energy Business Services	Duke Energy Commercial Enterprises, Inc.	Duke Energy Ohio	Duke Enorsy Indiana	Duke Energy Kentucky	Duke Energy International	Duke Energy	Duke Energy Progress	Duko Engene Staaida
Payroll Company	tooke Energy Carolinas	<u><u>110</u></u>	<u>501</u>	<u>503</u>	529	536	<u>600</u>	Discontinued Oper		Duke Energy Florida <u>802</u>
Change in Benofit Obligatior Benefit Obligation, Beginning of Yea Business Combinations and Divestiture Plan-to-Plan Transter	219,965,481 0 0	153,535,385 (251,482) 0	20,258,953 (3,103,120) 0	31,665,533 0 0	96,264,711 0 0	7,750,481 D D	274,095 0 0	7,663,539 0	206,581,789 0	170,478,857 0
Payroll Company Transfere Service Cost	1,574,508 1,235,669	(1,598,406) 2,058,749	0 297,090	24,821 288,037	0 729,142	413,723 112,435	D 3,207	0	(137,512) 494,627	(277,134) 658,412
Interest Cosi Gross Benefits Paic	8,720,661 (18,225,127)	6,115,384 (16,525,585) 59,323	809,714 (1,772,439)	1,248,323 {2,801,950}	3,775,945 (13,109,741)	305,088 (559,603)	11,095 (10,076)	289,537 (694,640)		6,727,107 (27,628,085)
less: federal subsidy on benefits pai Plan Participants' Contribution: Actuariat Loss/(Gain ERRP Receipts (applied against Claims Paid	103,236 3,777,689 (17,584,571) 0	5,421,363	490,353 (4,367,650)	679,734 (2,778,621)	0 2,282,363 1,489,288 0	215,144 (996,453)	0 21,145 (63,260) 0	0 452,727 (1,264,489)	290,989 3,977,682 (12,391,645)	121,609 2,883,794 11,257,249
Pian Amendments Impact of Settlements and Curtailment: Benefit Obligation, End of Yea	0	(3,728,953) 0 132,442,718	0 0 12,612,901	(749,034) 0 27,576,843	(3,536,775) 0 87,894,933	(396,121) 0 6,844,694	0 0 236,206	0 0 6,446,674	0	0 0 164,221,809
Accumulated Benefit Obligation, End of Yea	0	D	0	0	0	0	0	0	0	0
Weighted Average Assumption: Used in Determining Benefit Obligations	4,40%	4.40%	4,40%	4.40%	4,40%	4.40%	4.40%	4.40%	4,40%	4,40%
Discount Rate Interest Crediting Rate Rate of Compensation Increase Health Care Cost Trend Rate	4.40 X N/A N/A	N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A N/A	N/A N/A	• N/A	4.40% N/A N/A
Initial rate Utimate rate Years to utimat∈	7.50% 4.75% 7		7.50% 4.75% 7	7,50% 4,75% 7	7.50% 4.75% 7		7.50% 4.75% 7	7.50% 4.75% 7		7.50% 4.75% 7
Measurement Date(s;	12/01/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015
Effect of one-percentage-point change in assumed health car cost trend rate on postretizement benefit obligatio ~ Increase	N/A		N/A	N/A	NIA	N/A	NA	N/A		NA
– Decrease	N/A	N/A	N/A	N/A	N/A	. N∕A	N/A	N/A	N/A	N/A
Change in Plan Assets Market Value of Assets, Beginning of Yea Settlements Plan-to-Plan Transfer;	145,085,302 0 0	0 0	3,532,909 0 0	7,412,160 0 (111,180	23,093,802 0 0	1,179,727 0 0	146,836 0 0 0	6,102,240 0 0	(1,013,628) 0 104,742	326,254 0 0
Payroll Company Transfert Actual Return on Assets (Net of Expenses Plan Participants' Contribution: Employer Contributions	216,119 (1,494,121 3,777,689 4,440,264	) (584,888) 5,421,363 8,024,079	(67,134) 490,350 797,403	(134,485) (128,537) 679,734 1,450,341	(449,497) 2,282,363 7,599,999	215,144 242,536	(1,552) 21,145 (16,580)	0 (69,923) 452,727 163,671	641,374 3,977,682 15,040,106	(1,477) 870,069 2,883,794 24,250,270
Benefits Paid Market Value of Assets, End of Year	<u>(18,225,127</u> 133,600,124		(1,772,439) 2,981,092	<u>(2,801,950)</u> 6,477,263	<u>(13,109,741</u> 19,416,926	1,197,677	(10,076) 139,773	(694,640) 5,954,075	( <u>19,062,243</u> ) (311,967)	(27,628,085) 700,825
Funded Status, End of Year	(65,767,442	(95,242,986)	(9,631,809)	(21,099,580)	(68,478,007)	) (5,647,017)	(96,433)	(492,599)	(188,235,897)	(163,520,984)
Amounts Recognized in the Statement of Financia Position Noncurrent Assets	c	0	O	0	0	0	0	Đ	0	0
Current Liabilities Noncurrent Liabilities Net Benefit Asset/(Liability) at End of Yea	(126,526 <u>(65,640,916</u> {65,767,442	(92,273,674)	(640,074) ( <u>6,991,735)</u> (9,631,809)	(1,642,260) (19,457,320) (21,099,580)	(371,515) (68,106,492) (68,478,007)	(5,477,904)	0 ( <u>96,433)</u> (96,433)	(7,898) (484,701) (492,599)	(172,437,450)	(14,689,175) (148,831,809) (163,520,984)
Amounts Recognized in Accumulated Other Comprehensive Income	0	0	٥	0	٥	0	a	a	D	0
Net Transition Obligation/(Asset Prior Service Cost/(Credit/ Net Actuaria Loss/(Gain Total	(56,015,313 (11,632,621 (67,647,934	) (56,681,290) ) (11,502,825)	(1,721,276) (10,979,259) (12,700,535)	(1,735,343) (14,314,958) (16,050,301)	(6,140,767 (76,446,579 (82,587,346	) (885,790) ) (4,051,717) _	(19,726) (574) (20,300)	(1,094,560) (1,439,837) (2,534,397)	(133,324,262)	(103,092,262) 
	(01,041,934	, (00,104,113)	(12,100,000)	(10,000,001)	(02,007,340	, (4,557,507)	(20,000)	(2.024,021)	(20,024,007)	(20,000,002)
EXPECTED CASH FLOWS Expected Employer Benefit Payments (Net of Part D Subsidy)										
2016 2017	15,879,744 16,838,990 17,614,038	12,962,222	1,491,524 1,392,053 1,313,510	2,800,308 2,703,248 2,580,398	9,996,880 9,740,776 9,233,794		10,579 12,385 15,134	975,990 897,186 447,657	16,164,251 15,916,942 15,578,999	15,013,150 14,586,758 14,213,256
2018 2019 2020	17,614,039 17,880,628 17,871,622	11,965,570	1,313,510 1,231,847 1,197,361	2,580,398 2,432,969 2,371,146	9,233,794 8,672,622 8,144,860	702,820 635,582 632,142	18,681 21,588	447,557 326,701 314,369	15,378,999 15,313,410 15,099,773	14,213,256 13,913,435 13,482,668
2021-2025	79,827,836		4,860,174	10,879,899	32,971,496	2,844,044	82,290	1,575,902	68,102,443	59,896,449
Expected Company Contribution:	129,280	3,033,933	654,004	1,678,001	379,600	172,793	0	8,070	16,142,271	15,008,858

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# Section 1: Year End 2015 Footnote Disclosures Duke Energy - All Legacy Welfare Plans

Payroll Company	Duke Energy Carolinas <u>100</u>	Duke Energy Business Services <u>110</u>	Duke Energy Commercial Enterptises, Inc. <u>501</u>	Duke En <del>ergy</del> Ohio <u>503</u>	Duke Energy Indiana 529	Duke Energy Kentucky <u>536</u>	Duke Energy International <u>600</u>	Duke Energy Discontinued Oper <u>DSC</u>	Duke Energy Progress <u>801</u>	Duke Energy Florida <u>802</u>
Expected Subsidies from Medicare Part E 2016 2017 2018 2019 2020 2021-2025	NIA NVA NVA NVA NVA	N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A N/A
Components of Net Periodic Benefit Cos Service Cost Expected Administrative Expense: Interest Cost Expected Return on Plan Asset Amortization of Net Aransition Obligation/(Assel Amortization of Net Actualital Loss/(Gain Settlement and Special Termination Benefit Charge/(Credit Net Periodic Benefit Cost Other Changes in Plan Assets and Benefit Obligatior Recognized in Other Comprehensive Income	1,235,669 0 8,720,681 (6,123,357) 0 (14,433,059) (1,825,352) 	0 (22,200,141) 204,127 0	297,090 0 809,714 (188,644) 0 (230,656) (463,391) 	258,037 0 1,248,323 (417,328) 0 (149,425) (1,556,941) 	729,142 0 3,775,945 (1.126,452) 0 (368,649) (8,326,064) (8,326,064) (5,316,077]	(325,747)	3,207 0 (6,273) 0 (1,943) 2,024 0 6,110	0 289,537 (330,808) 0 (368,258) (128,659) (538,188)	494,627 0 8,170,243 48,070 (67,538,338) 18,164,743 	658,412 0 6,727,107 (16,352) 0 (34,680,623) 10,318,688 <u>0</u> (16,992,768)
Jusiness Combinations/Divestitures - Net Actuarial Loss/(Gain Business Combinations/Divestitures - Prior Service Cost/(Credit) Settlement Adjustmentt Vet Actuarial Loss/(Gain *mortzation of Net Actuaria! (Loss)/Gain *mortzation of Net Service (Cost)/Credi Amortzation of Prior Service (Cost)/Credi Amortzation of Net Transition (Obligation)/Asse fold Recognized in Other Comprehensive Incom	(222,907) (222,907) (7,967,093) (7,967,09	(95,555) 0	(3,103,120) 0 (4,111,872) 458,391 0 230,658 <u>0</u> (6,515, <b>5</b> 43)	725,444 27,117 0 (2,232,756) 1.556,941 (749,034) 149,425 0 (521,663)	0 3,065,237 8,326,064 (3,536,775) 368,649 0 5,223,174	(164,529) (15,720) 0 (922,405) 325,747 (386,121) 70,591 	0 (53,435) (2,024) 0 1,943 (53,516) (53,516)	0 (853,758) 128,659 0 368,258 (366,843)	(279,550) (121,568) 0 (13,081,098) {18,164,743} 0 67,538,338 0 	(143,078) 191,919 0 10,403,532 (10,318,686) 0 34,680,623 <u>0</u> 34,614,308
fotal Recognized in Net Periodic Benefit Cost and Other Comprehensive Income	(6,343,200)		(6,296,832)	(1,109,197)	2,907,097	(1,132,231)	(47,406)	(905,029)	(4,769,267)	17,821,540
Estimate of Amounts that will be Amortized Out of Accumulated Othor Comprehensive Income into Net Periodic Benefit Cost in 2016 Vet Transition Obligation/(Asset Prior Service Cost/(Credit; Vet Actuarial Loss/(Gain jotal	0 (14,438,234) 	(1.510,715)	0 (230,657) (1,155,087) (1,385,744)	0 (249,284) <u>(1,646,150)</u> (1,895,434)	0 (836,650) (7, <u>633,040)</u> (8,469,590)	(420,470)	0 (1,943) (3,237) (5,180)	0 (368,258) (223,431) (591,689)	(67,589,483) (67,589,483) (12,613,810 (54,975,673)	0 (34,610,830) <u>9,194,866</u> (25,415,964)
Veighted Average Assumption: Jsed in Determining Cost Discount Rate Interest Creding Rate Expected Return on Plan Asset: Rate of Future Compensation Increase: Medical Trend Rate Inföls Irate Ultimate rate Years to ultimate Measurement Date(s,	4.10% NA 5.50% N/A 6.75% 4.75% 12/31/2014	N/A 6.50% N/A 6.75% 4.75% 8	4.10% N/A 8.50% N/A 6.75% 4.75% 8 12/31/2014	4.10% N/A 6.50% N/A 6.75% 4.75% 8 12/31/2014	4.10% N/A 5.50% N/A 6.75% 4.75% 8 12/31/2014	N/A 5.50% N/A 6.75% 4.75% 8	4.10% N/A 5.50% N/A 6.75% 4.75% 8 12/31/2014	4.10% N/A 5.50% N/A 6.75% 4.75% 8 12/31/2014	4.10% N/A 6.50% N/A 6.75% 4.75% 8 12/31/2014	4.10% N/A 6.50% N/A 6.75% 4.75% 8 12/31/2014
:Rect of one-percentage-point change in assumed health are cost trend rate on aggregate service and interest ost - Increase - Decrease	N/A N/A		N/A N/A	N/A N/A	N/A N/A		N/A N/A	N/A N/A	N/A N/A	N/A N/A

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Florida Progress Corp	Progress Fuels Corporation	All Plans Total
rionau rogiess oolp	Solbolation	
701,459	936,106	916,077,390
0	0	(3,354,60Z)
0	0	0
0	U 1	5,877,371
27,546	36,707	36,237,370
(683)	(1,000)	(100,391,172)
0	0 C	575,157 20,201,994
68,960	4,625	(39,270,730)
σ	0	0
× 0	0	(8,410,883)
797,282	976,338	
191,202	310,330	027,041,090
. 0	0	0
4.40%	4.40%	4,40%
N/A	N/A	N/A
· N/A	N/A	N/A
7.50%	7.50%	7.50%
4.75%	4,75%	4,75%
7	7	7
12/31/2015	12/31/2015	12/31/2015
. N/A 	N/A N/A	29,221,962 (25,703,883)
	1923	(20,103,003)
(6,240)	(9,136)	227,042,832
0	0 0	0
ũ	ŏ	ŏ
(329)	(482)	(1,308,059)
0	0	20,201,994
657 (583)	962 (1,000)	61,993,708
(6,595)	(9,656)	(100,391,172) 207,539,271
•	••••	
(803,877)	(985,994)	(620,002,624)
•		
0	0	0
(66,552)	(90,377)	(36,571,247)
(737,325)	(895,617)	(583,431,377)
(803,877)	(985,994)	(620,002,624)
0	0	0
(163,196)	(568,569)	(361,442,354)
(45,603) (208,799)	(199,820) (768,389)	<u>55,079,492</u> (306,362,862)
(200.100)	(100,005)	(300,302,002)
68,000	n <del>n</del> 1 <i>44</i>	75,904,494
68,033	92,344 88,730	75,949,448
67,642	83,576	74,363,315
67,113	78,715	72,537,273
66,133 301,226	73,751 334,602	70,741,975 311,573,185
JU1,220	334,602	a 11,979,100
68.000	92,344	37,367,154

Florida Progress Corp	Progress Fuels Corporation	All Plans Total
N/A	N/A	N/A
N/A N/A	N/A	N/A
NA	N/A	N/A
0	C	5,877,371
0	0	0
27,546	36,707	36,237,370
312	457	(12,344,190)
D (89,816)	0	0
(19,694)	(312,916) (39,242)	(140,444,417)
(19,034)	(39,242)	15,999,489
(81,652)	(314,994)	(94,674,378)
		()
٥	0	(3,354,602)
0	0	0
0	0	0
68,977	4,550	(25,618,451)
19.694	39,242	(15,999,489)
0	Ð	(8,410,883)
89,816	312,916	140,444,417
0	0	0
178,487	355,708	87,060,992
96,835	41,714	(7,613,385)
0	0	0
(89,816)	(312,916)	(141,557,381)
(5,071)	(28,897)	5,952,486
(94,887)	(341,813)	(135,604,895)
4.10%	4.10%	4.10%
N/A	N/A	N/A
6.50%	6,50%	6.50%
N/A	N/A	N/A
6,75%	6.75%	6.75%
4,75%	4.75%	4.75%
8	В	6
12/31/2014	12/31/2014	12/31/2014
NA		4 5 57 55-
N/A N/A	N/A N/A	1,587,927
NA	nvA	(1,386,481)

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Section 1: Year End 2015 Footnote Disclosures Duke Energy - Duke Energy Retirement Cash Balance Plan

#### Duke Energy Retirement Cash Balance Plan

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Раугоїї Сопралу	Duke Energy Carolinas		Duke Energy Commercial Enterprises, Inc.	Duke Energy Ohio		Duke Energy Kentuck,	Duke Energy International		Duke Energy Progress	Duke Energy Florida
Change in Benefit Obligation	100	<u>,110</u>	<u>501</u>	<u>503</u>	<u>529</u>	<u>536</u>	<u>600</u>	DSC	<u>801</u>	802
Benefit Obligation, Beginning of Year	1,998,465,474	1,322,968,323	128,307,105	140,227,351	672,821,387	14,009,102	5,527,474	162,745,548	5,820,972	0
Business Combinations and Divestitures	0	(3,766,780)	(18,662,577)	0	0	0	0	0	, í o	Ő
Plan-to-Plan Transfers	5 010 533	1,512,080	0	1,194,379 40,507	14,759	19,378	0	54,878	18,186	0
Payroll Company Transfers Service Cost	6,949,533 47,449,515	(11,611,787) 30, <del>5</del> 52,740	3,218,158	237,036	10.176.717	832,972 59,085	247,213	29,603	3,788,475 290,547	U N
Interest Cost	80,406,824	53,348,553	5,171,213	5,496,610	27,092,328	552,681	225,090	6,266,251	280,348	ō
Gross Benefits Paid	(143,436,644)	(93,219,506)	(7,470,797)	(12,421,044)	(42,213,543)	(1,118,146)	(433,576)	(15,562,132)	(404,518)	(106,555)
Plan Participants' Contributions Actuarial Loss/(Gain)	(54,121,681)	(6,606,035)	(24,017,679)	U (1,843,113)	0 (15,073,288)	0 (1,t91,341)	0 33,061	0 687,453	0 1,297,688	0 2,659,446
Plan Amendments	(04,121,001)	(776,676)	(21,011,010)	(2,494)	(4,302,790)	(1,131,041)	0,001	0	(245)	(3,782)
Impact of Settlements and Curtailments	0	0	0		0	0		0	0	<u>0</u>
Benefit Obligation, End of Year	1,935,714,021	1,292,410,912	86,545,323	132,929,532	648,515,570	13,163,730	5,599,263	154.221,601	12,091,451	2,549,109
Accumulated Benefit Obligation, End of Yea	1,933,470,709	1,256,140,666	84,866,544	131,382,067	627,359,101	12,830,925	5,599,263	154,221,601	11,992,470	2,353,139
Weighted Average Assumption: Used in Determining Benefit Obligations										
Discount Rate	4.40%		4,40%	4.40%	4.40%	4,40%	4.40%	4.40%	4,40%	4,40%
Interest Crediting Rate	4.25%/4.00%		4,25%/4,00%	4.25%/4.00%	4.25%/4.00%	4.25%/4,00%	4.25%/4.00%	4.25%/4.00%	4.25%/4.00%	4.25%/4.00%
Rate of Compensation increase Measurement Date(s)	11.50% to 3,50% 12/31/2015		11.50% to 3.50% 12/31/2015	11.50% to 3,50% 12/31/2015	11.50% to 3.50% 12/31/2015					
incustrement Dava(a)	1201/2010	12302010	123112010	1250112015	12012015	12101/2010	(LONEOIG	1210112010	12/3//2013	12/3/12013
Change in Plan Assets	· · · · · · · · · · · · · · · · · · ·									
Market Value of Assets, Beginning of Year Business Combinations and Divestitures	2,245,699,547	1,347,259,070 (5,892,301)	147,398,782 (33,389,703)	139,548,618	680,787,359 0	14,486,496	8,213,589	179,677,114	3,976,119	56,286 0
Intercompany and Interplan Transfers (Reflected during Valua		1,512,080	(00,000,100)	1,194,379	14,759	19,378	ő	54,878	18,186	ŏ
Intercompany and Interplan Transfers (Reflected during Discle		(11,611,787)	0	40,807	0	832,972	0	0	3,788,475	0
Actual Return on Assets (Net of Expenses) Plan Participants' Contributions	(9,239,180)	(5,520,613)	(553,369)	(568,208)	(2,803,013)	(59,275)	(33,946)	(732,328)	(16,104)	(58)
Employer Contributions	88,003,081	56,543,658	5,925,741	1,002,364	19,219,201	123,502	447,775	745.128	981.985	7,565
Benefits Paid	(143,435,544)	(93,219,506)	(7,470,797)	(12,421,044)	(42,213,543)	(1,11B,146)	(433,576)	(15,562,132)	(404,518)	(106,555)
Market Value of Assets, End of Year	2,187,976,337	1,289,070,401	111,910,654	128,796,916	655,004,763	14,284,927	8,193,842	164,182,660	8,344,143	(42,762)
Funded Status, End of Year	252,262,315	(3,340,510)	25,365,331	(4,132,616)	6,489,193	1,121,197	2,594,580	9,961,059	(3,747,308)	(2,591,870)
Amounts Recognized in the Statement of Financial Position										
Noncurrent Assets Current Liabilities	252,262,316	(3,340,510)	25,365,331	(4,132,616)	- 6,489,193	1,121,197	2,594,580	9,961,059 0	(3,747,308)	(2,591,870)
Noncurrent Liabilities	ů 0	0	ů ů	ő	Č	ŏ	ő	ŏ	0	ő
Net Benefit Asset/(Liability) at End of Year	252,252,316	(3,340,510)	25,365,331	(4,132,616)	6,489,193	1,121,197	2,594,580	9,961,059	(3,747,308)	(2,591,870)
Amounts Recognized in Accumulated Other										
Comprehensive Income										
Net Transition Obligation/(Asset)	0	0	0 (2,468,882)	0 198,049	0	0 53,954	0 (311,904)	0 266,880	0 (447,707)	0
Prior Service Cost/(Credit) Net Actuaria) Loss/(Gain)	(48,422,425) 500,899,752	(23,616,005) 372,900,015	(2,468,682)	14,985,434	(3,693,998) 112,006,386	1,447,346	299,260	<u>_52,772,538</u>	(447,707)	(4,261) 2,611,418
Total	452,477,327	349,284,010	3,916,523	15,183,483	108,312,388	1,501,300	(12,644)	53,039,418	3,053,599	2,607,157
EXPECTED CASH FLOWS										
Expected Employer Benefit Payments (Net of Part D Subs	idy	44.4.400 000	0 560 570	10 860 101	17 010 770	4 000 400	606 T 17	74 774 000		
2016 2017	185,043,873 194,710,505	114,409,062 114,793,948	8,562,532 7,999,634	12,860,464 12,547,033	47,919,758 47,446,635	1,265,168 1,146,334	625,348 525,600	21,771,868 19,398,004	826,695 1,235,642	270,029 216,932
2018	198,439,216		7,650,479	12,032,727	46,893,166	1,109,501	497,339	17,212,407	931,446	185,485
2019	197,470,246	116,383,219	8,152,273	11,358,384	47,224,132	1 074 199	433,642	15,093,662	981,899	170,734
2020 2021-2025	195,176,682 879,567,684	114,493,037 544,988,850	7,279,195 34,417,495	10,928,972 49,143,190	47,393,636 230,286,150	1,020,635 5,043,338	892,490 2,528,752	12,793,435 48,052,311	1,197,937 7,434,384	135,776 1,074,079
	013,001,004	344,300,030		190,000,000	200,200,100	0,040,000	2,020,702	40,002,311	1,404,304	1,014,019
Expected Company Contribution:	43,138,852	37,130,457	2,789,775	588,643	9,212,300	56,564	212,012	442,231	23,736,442	7,657,774

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Section 1: Year End 2015 Foolnote Disclosures Duke Energy - Duke Energy Retirement Cash Balance Plan

#### Duke Energy Retirement Cash Balance Plan

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Payroll Company	Duke Energy Carolinas <u>100</u>	Duke Energy Business Services <u>110</u>	Duke Energy Commercial Enterprises, Inc. <u>501</u>	Duke Energy Ohio 503	Duke Energy Indiana <u>529</u>	Duke Energy Kentuck, <u>536</u>	Duke Energy Internationa <u>600</u>	Duke Energy Discontinued Oper. ` <u>DSC</u>	Duke Energy Progress <u>801</u>	Duke Energy Florida <u>802</u>
Components of Net Periodic Benefit Cos										
Service Cost	47,449,515	30,562,740	3,218,158	237,035	10,176,717	59,085	247,213	29,603	290,547	Û
Expected Administrative Expenses	2,035,527	1,221,171	133,604	126,488	617,073	13,131	7,445	162,861	3,604	51
Interest Cost Expected Return on Plan Assets	80,406,824 (134,959,132)	53,348,553 (81,010,090)	5,171,213 (8,873,121)	5,496,610 (8,195,901)	27,092,328 (40,937,252)	552,681	225,090	6,265,251	280,348	0
Amortization of Net Transition Obligation/(Asset)	(134,939,132)	(060,010,16)	(0,013,121)	(a,195,901)	(40,937,282)	(855,527)	(498,654)	(10,425,489)	(238,108)	(3,906)
Amortization of Prior Service Cost/(Credit)	(7,580,870)	(3,597,712)	(391,215)	238,922	428,252	47,551	(49,082)	156,256	(37,487)	(21)
Amortization of Net Actuarial Loss/(Gain)	37,953,130	26,365,092	1,025,995	1,109,579	8,631,491	162,911	13,249	3,630,940	133,988	(3,494)
Settlement and Special Termination Benefit Charge/(Credit)	0	0	0	0	0	0	0	0,000,040	,,	(0,404)
Net Periodic Benefit Cost	25,304,994	26,889,754	284,634	(987,266)	6,008,599	(20,168)	(54,739)	(179,578)	432,892	(7.370)
Other Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Incom Business Combinations/Divestitures - Net Actuatial Loss//Gair	n) 3.513.04‡	(2,250,599)	14,727,026	213,390		240.993	0		408,696	
Business Combinations/Divestitures - Prior Service Cost/(Crec		162,093	0	(59,452)	ů	(25,836)	ő	ň	(207,967)	ů
Goodwill Adjustments	0	,	õ	(00,102)	ů	(10,000)	ő	ŏ	(201,501)	å
Net Actuarial Loss/(Gain)	88,041,104	78,703,697	(14,724,793)	6,794,508	28,049,914	(289,670)	558,216	11,682,409	1.548.296	2,663,359
Amortization of Net Actuarial (Loss)/Gain	(37,953,130)	(26,365,092)	(1,025,995)	(1,109,579)	(8,631,491)	(162,911)	(13,249)	(3,630,940)	(133,988)	3 494
Prior Service Cost/(Credit)	0	(776,676)	0	(2,494)	(4,302,790)	0	0	D	(245)	(3,782)
Amortization of Prior Service (Cost)/Credit	7,580,870	3,597,712	391,215	(238,922)	(428,252)	(47,551)	49,082	(156,255)	37,487	21
Amortization of Net Transition (Obligation)/Asset	0		0	0	0	0	<u> </u>	<u> </u>	0	0
Total Recognized in Other Comprehensive Income	61,313,047	53,071,134	(632,547)	5,597,451	14,657,381	(284,975)	594,049	7,895,213	1,652,277	2,663,091
Total Recognized in Net Periodic Benefit Cost and Other										
Comprehensive Income	86,618,041	79,960,888	(347,913)	4,610,185	20,695,980	(305,143)	539,310	7,715,635	2,085,169	2,655,721
Esúmate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2016										
Net Transition Obligation/(Asset)	0	0	0	0	0	. 0	0	0	0	0
Prior Service Cost/(Credit)	(7,697,458)	(4,728,760)	(391,215)	211,995	(458,693)	43,642	(49,082)	156,256	(1,940,830)	(842,038)
Net Actuarial Loss/(Gain)	30,694,184	28,289,937	310,241	824,425	6,390,493	78,871	12,285	3,333,797	24,629,649	16,374,060
Total	22,996,726	23,561,177	(80,974)	1,035,421	5,931,800	122,513	(36,797)	3,490,053	22,685,819	17,532,022
Weighted Average Assumption: Used in Determining Cost		4,10%			4 4 7 7 4		4.40%	4 dent		
Discount Rate Interest Crediting Rate	4,10% 4,25%/4,00%		4.10% 4.25%/4.00%	4.10% 4.25%/4.00%	4.10% 4.25%/4.00%	4,10% 4,25%/4,00%	4.10% 4.25%/4.00%	4.10% 4.25%/4.00%	4.10% 4.25%/4.00%	4.10% 4.25%/4.00%
Expected Return on Plan Assets	4.23%/4.00%		4,25,%4,00%	4.23%/4.00%	4.23704.00%	4.23%24,00%	4.23/24.00%	4-23%4.00%	4.23764.0075	4.23%/4.00%
Rate of Future Compensation Increases	11.50% to 3.50%		11.50% to 3.50%	\$1.50% to 3.50%	11.50% to 3.50%	11.50% to 3.50%	11.50% to 3.50%	11.50% to 3.50%	11.50% to 3.50%	11.50% to 3.50%
Measurement Date(s)	12/31/2014		12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014

KyPSC Care, No. 2017-00231 AC-FPR-044 Attachment 4 Page 17 of St		
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Plan Total	4,451,893,735 (22,423,467) 2,813,660 2,813,660 92,270,614 (116,386,459) (3,065,389) (5,065,389) (5,065,389) (5,065,389) (5,065,389)	4,220,226,485 4,40% 4,25%44,00% 11,50% to 3,50% 11,50% to 3,50%	4.767,102,980 (39,282,004) (39,282,004) (19,566,294) (19,566,294) (19,566,294) (19,566,294) (19,566,594) (19,	283,981,372 0 233,981,372 233,981,372 233,981,372 (78,446,299) 1057,809,360 999,362,561	333,554,797 339,0787,713 399,0787,713 399,514,715 1
Progress Fuels Corporation	00000000000000000000000000000000000000	0 4.40% 4.00% 11.50% to 3.50% 12.51%			0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Florida Progress Corp		0 4.40% 4.00% 11.50% to 3.50% 125.1/2015			9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9

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Plan Total	92,270,614 4,320,955 1,78,339,388 (285,997,19) (11,785,495) (11,785,495) 79,172,781 79,172,781 7,671,752 57,671,752	16,852,547 0 203,027,038 (19,022,881) (19,022,881) (19,022,881) 10,752,465 146,556,120 146,556,120 204,227,872	0 (15,696,182) (15,696,1055 97,294,873 4,10% 4,10% 4,10% 11.50% to 3,50%
Progress Fuels Corporation	*******		0 0 4.10% 4.10% 4.00% 4.05% 11.50% to 5.50%
Florida Progress Corp			0 0 511,52 514,52 500,5 500,5 500,5 500,5 12,121

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#### Duke Energy Retirement Cash Balanco Plan

Payroll Company	Duke Energy Ohio 503	Duke Energy Indiana 529	Duke Energy Kentucky
Change in Benefit Obligation	203	323	<u>536</u>
Benefit Obligation, Beginning of Year	140,227,351	672,821,387	14,009,102
Business Combinations and Divestitures	0	0	0
Plan-to-Plan Transfers	1,194,379	14,759	19.378
Payroll Company Transfers	40,807	0	832,972
Service Cost	237,036	10,176,717	59,085
Interest Cost	5,496,610	27,092,328	552,681
Gross Benefits Paid	(12,421,044)	(42.213,543)	(1,118,146)
Plan Participants' Contributions	0	0	0
Actuarial Loss/(Gain)	(1,843,113)	(15,073,289)	(1,191,342)
Plan Amendments	(2,494)	(4,302,790)	D
Impact of Settlements and Curtailments	100,000,000	0	0
Benefit Obligation, End of Year	132,929,532	648,515,570	13,163,730
Accumulated Benefit Obligation, End of Yea	131,382,067	627,369,101	12,830,925
Weighted Average Assumption:			
Used in Determining Benefit Obligations			
Discount Rate	4.40%	4.40%	4.40%
Interest Crediting Rate	4.25%/4.00%	4.25%/4.00%	4,25%/4.00%
Rate of Compensation Increase	11.50% to 3.50%	11.50% to 3.50%	11.50% to 3.50%
Measurement Oate(s)	12/31/2015	12/31/2015	12/31/2015
Change in Plan Assets			
Market Value of Assets, Beginning of Year	139,548,618	680,767,359	14,486,496
Business Combinations and Divestitures	0	0	0
Intercompany and Interplan Transfers (Reflected during Valua	1,194,379	14,759	19,378
Intercompany and Interplan Transfers (Reflected during Disclc	49,807	0	832,972
Actual Return on Assets (Net of Expenses)	(568,208)	(2,803,013)	(59,275)
Plan Participants' Contributions	0	Û	0
Employer Contributions	1,002,364	19,219,201	123,502
Benefits Paid	(12,421,044)	(42,213,543)	(1,118,146)
Market Value of Assets, End of Year	128,796,916	655,004,763	14,284,927
Funded Status, End of Year	(4,132,616)	6,489,193	1,121,197
Amounts Recognized in the Statement of Financial Positio			
Noncurrent Assets	(4,132,616)	6,489,193	1,121,197
Current Liabilities	O O	C	0
Noncurrent Liabilities	0	0	0
Net Benefit Asset/(Liability) at End of Year	(4,132,616)	6,489,193	1,121,197
Amounts Recognized in Accumulated Other			
Comprehensive Income Net Transition Obligation/(Asset)	٥	0	0
Prior Service Cost/(Credil)	752.938	(3,421,747)	68,249
Net Actuarial Loss/(Gain)	23,829,373	164.852.751	2,414,897
Total	24,582,311	161 431,004	2,483,146
		,	
EXPECTED CASH FLOWS			
Expected Employer Benefit Payments (Net of Part D Subsidy			
2016	12,860,464	47,919,758	1,265,168
2017	12,547,033	47,446,635	1,146,334
2018	12,032,727	46,893,166	1,109,501
2019	11,358,384	47,224,132	1,074,199
2020	10,928,972	47,393,636	1,020,635
2021-2025	49,143,190	230,286,150	5,043,338
Expected Company Contribution:	588,643	9,212,300	56,564
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#### Section 1: Year End 2015 Footnote Disclosures - Prepurchase Accounting Duke Energy - Duke Energy Retirement Cash Balance Plan

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#### Duke Energy Retirement Cash Balance Plan

Payroll Company	Duke Energy Ohio		Duke Energy Kentucky
	<u>503</u>	529	536
Components of Net Periodic Benefit Cos			
Service Cost	237.036	10.176.717	59,085
Expected Administrative Expenses	126,488	617.073	13,131
Interest Cost	5,496,610	27.092.328	552,681
Expected Return on Plan Assets	(8,195,901)	(40,937,262)	(855,527)
Amortization of Net Transition Obligation/(Asset)	(0,,0	(10,001,400)	(000,021)
Amortization of Prior Service Cost/(Credit)	691,445	595,163	57,181
Amortization of Net Actuarial Loss/(Gain)	1,801,156	12,832,444	239,993
Settlement and Special Termination Benefit Charge/(Credit)	(,001)100	12,000,171	200,000
Net Periodic Benefit Cost	156,834	10,476,463	66,544
	,,	10,410,400	00,011
Other Changes in Plan Assets and Benefit Obligation			
Recognized in Other Comprehensive Incom			
Business Combinations/Divestitures - Net Actuarial Loss/(Gain)	213.390	0	240,993
Business Combinations/Divestitures - Prior Service Cost/(Crec	(58,488)	ō	(24,992)
Goodwill Adjustments	0	ō	(_,,,
Net Actuavial Loss/(Gain)	6,794,508	28,049,913	(289,671)
Amortization of Net Actuarial (Loss)/Gain	(1,801,155)	(12,832,444)	(239,993)
Prior Service Cost/(Credit)	(2,494)	(4,302,790)	(200,110)
Amortization of Prior Service (Cost)/Credit	(691,445)	(695,163)	(57,181)
Amortization of Net Transition (Obligation) Asset	û	Ď	0
Total Recognized in Other Comprehensive Income	4,454,315	10,219,517	(370,844)
Total Recognized in Net Periodic Benefit Cost and Other			
		00 505 000	
Comprehensive Income	4,611,149	20,695,980	(304,300)
Estimate of Amounts that will be Amortized Out of			
Accumulated Other Comprehensive Income Into Net			
Periodic Benefit Cost in 2016			
Net Transition Obligation/(Asset)	0	0	0
Prior Service Cost/(Credit)	392,084	(428.657)	53,109
Net Actuarial Loss/(Gain)	1,502,287	10,585,383	
Total	1,894,371	10,156,726	205,023
Weighted Average Assumption:			
Used in Determining Cost	4 4 6 6 4		
Discount Rate	4.10%	4.10%	4.10%
Interest Crediting Rate	4_25%/4.00%	4_25%/4.00%	4.25%/4.00%
Expected Return on Plan Assets	6.50%	6.50%	6.50%
Rate of Future Compensation Increases	11.50% to 3.50%	11.50% to 3.50%	11.50% to 3.50%
Measurement Date(s)	12/31/2014	12/31/2014	12/31/2014

# KyPNC Case Na. 2017-09331 A(2-DR-D44 Attachment 4 Page 21 of SN

Section 1: Year End 2015 Footnote Disclosurt<del>s</del> Duke Energy - Cinergy Carp. Union Employees Retirement Income Plan

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		Duke Energy Business	Duke Energy Commercial		:					
Payroll Company . Duke	Duke Energy Carolinas 100	Services 110	Enterprises, Inc. 501	Duke Energy Ohic 503	Duke Energy Indians 529	Duke Energy Indians Duke Energy Kontucky <u>529</u>	Discontinued Oper. 1	Duke Energy Progress 801	Duke Energy Florida 802	Plan Tolal
Change in Benefit Obligation Benefit Obligation Beniming of Year	53 598	742 967 061	134 860 160	231 742 513	119 271	C187 497 842	8 641 252	-	=	701 891 <b>64</b> 6
Business Combinations and Divestitures	0	0	(60,228,294)	0	0	0	0	. 0		(60,228,294)
P¦an-to-Plan Transfers	00	(1,512,080)		(1.212.565)	(14,759)	(19,378)	(54,878)	-		(2,813,660)
Paptut company transiers Service Cost	9.794	5.042.555	1.053.864	2,500,102	1.733	1,412,189	3.575	• •		10.023.812
Interest Cost	2,732	9,494,401	3,666,638	8,954,354	4,546	3,304,307	330,716	0	0	25,757,694
Gross Benefits Paid Dan Particinante' Contributions	(1,590)	(19,145,598) 0	(5,835,975) 0	(17,577,222)	(10,403)	(5,049,988) 0	(572,028) N			(49,193,903) 0
Actuarial Loss(Gain)	(2.759)	(10,400,116)	(1,364,113) //2 100)	(6,391,949) (014,037)	501,902	(19,535)	(567,005)	17,309	402,485	(18,323,780)
Impact of Settlements and Curtailments	0	(1571'100E)	iennin)	((nn/11 2)		(ton'e)	00	-	0	(1) 1, 107,1)
Benefit Obligation, End of Year	71,775	218,478,066	71,645,891	219,161,719	602,241	87,664,983	7,781,632	17,309	402,485	605,826,101
Accumulated Benefa Obligation, End of Yea	57,332	206,063,138	71,541,610	212,892,397	564.251	84,801,050	7,781,615	3,760	342,485	584,047,638
Weighted Average Assumption: Used in Defermining Benefit Obligations Thermone Perfect	4 40AC	4 40 <b>%</b>	4 80%	4 40%	2006	440%	74067	2 AUR.	2011	7607 1
Interest Crediting Rate	4,25%/4.00%	4.25%/4.00%	4.25%//4.00%	4.25%/4.00%	4.25%//4.00%	4.25%44.00%	4.25%/4.00%	4,25%/4,00%	4,25%/4.00%	4.25%/4.00%
Rate of Compensation Increase Measurement Date(s)	9.50% to 3.50% 12/31/2015	9.50% to 3.50% 12/01/2015	9.50% to 3.50% 12/31/2015	9.50% to 3.50% 12/31/2015	9.50% to 3.50% 12/11/2015	9.50% to 3.50% 12/31/2015	9.50% to 3.50% 12/31/2015	9.50% to 3.50% 12/31/2015	9.50% to 3.50% 12/31/2015	9.50% to 3.50% 12/31/2015
Change in Plan Assets Market Value of Assets, Beginning of Year	230,560	229,056,919	118,026,452	221,082.688	85,366	60,904,829	2,163,425	0		651,550,239
Business Combinations and Divestitures Internetions and Literation Transferr (1970-41-4 Junion Malue			(41,441,5UZ) 0	0 11 212 5651	U 114 7501	U (10.178)	0 (54 870)	<b>-</b> -		(41,447,502) 77 R13 R601
intercompany and interprint it ansiets (rediected during value Intercompany and interplan Transfers (Rollected during Discit	• •	(6,979,933)		1,360,523		5,619,410	0			
Actual Return on Assets (Net of Expenses)	(1,371)	(1,259,926)	(464,796)	(1,213,238)	(464)	(446,554)	(12,944)	00	00	(3,399,293) 0
Fran Fartupants Contributions Employer Contributions	13,942	8,187,341	5,466,183	4,958,863	2727	2,079,937	1,276,463			ZZ.000,000
Benems Paid Market Value of Assets, End of Year	241,541	208,345,623	75,744,263	207,409,049	67,012	82,088,256	2,800,038			576,695,781
Funded Status. End of Year	169.766	(10.132,443)	4.098.371	(11,752,671)	(535,229)	(5,576,727)	(4,981,594)	(12,309)	(402,485)	(29,130,320)
	-				•			•	•	
Amounts Recognized in the Statement of Financial Positio Noncurrent Assets Communi I shillings	00	00	00	00	00	a 0		00	60	0
Noncurrent Liabilities Net Benefit Assectif i jability) at End of Year	169.766	(10,132,443) (10,132,443)	4.098.371	(11.752.671) (11.752.671)	(535,229)	(5,576,727) (5,576,727)	(4,981,594) (4,981,594)	(17,309)	(402,485) (402,485)	(29,130,320) (29,130,320)
and burner paramired in Arritentical Other										
Amounts recognized in Accumutated outer Comprehensive Industry (Asset) Net Transition Opligation(Asset)	Đ	0		0	0	ð	o		a	в
Prior Service Cost/(Credit) Net Actuarial Loss/(Gain)	(127,073)	(2,110,696) 38,683,147	(211,214) 37,449,179	(550,533) 44,3 <u>54,068</u>	(4) 541,655	(355,114) 18,686,508	145,126 4,788,078	17,309	402.485	(3.062.628) 144.795.356
Total	(127,266)	36,572,451	37,237,965	43,803,535	541,651	18,351,394	4,933,204	17,309	402,485	141,732,728
EXPECTED CASH FLOWS Expected Employer Benefit Payments (Net of Part D Subsidy	i								00000	10 000 C
2015 2017	1,834	15,117,259	5,299,681	16,655,566	13,194	4,646,121 5,048,560	539,575	286	275,7	42,683,327
2019 2019	2,130 2,432	15,446,250 16,443,836	5,185,189	15,645,479 15,884,687	18,527 25,793	5,484,402 6,126,837	564,829 557,878	407 530	7,775	42,388,169
2020 2021-2025	3,878 41,341	16,8J4,084 86,644,597	5,026,743 23,451,870	16,707,281 82,098,152	30,423 191,776	6,298,484 34,955,818	494,185 2,498,948	653 4,199	133,138 248,664	45,528,869 230,135,365
Expected Company Contributions	4,851	3,409,409	549,850	2,323,094	46,556	1,201,920	428,489	1,477	34,354	8,000,000

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Section 1: Year End 2015 Footnote Disclosures Duke Energy - Cinergy Corp. Union Employees' Retirement income Plan

#### Cineray Corp. Union Employees' Retirement Income Plan

Payroll Company	Duke Energy Carolinas <u>100</u>	Duke Energy Business Services <u>110</u>	Duke Energy Commercial Enterprises, Inc. <u>501</u>	Duke Energy Ohio <u>503</u>	Duke Energy Indiana <u>529</u>	Duke Energy Kentucky <u>536</u>	Dake Energy Discontinued Oper. <u>DSC</u>	Duke Energy Progress <u>801</u>	Duke Energy Florida <u>802</u>	Pian Tolai
Components of Net Periodic Benefit Cos										
Service Cost	9,794	5.042.555	1,053,864	2,500,102	1,733	1,412,189	3.575	•	•	10 000 010
Expected Administrative Expenses	189	187,835	95,786	181,296	70	66,045	1.774	Ů	U	10,023,812 534,295
Interest Cost	2,732	9,494,401	3,666,638	8,954,354	4.546	3,304,307	330,716	U	U	25,757,694
Expected Return on Plan Assets	(14,587)		(5,482,291)	(13,076,172)	+,346 (5,079)	(4,876,615)	(103,947)	u	ų	
	(14,367)	(13,620,630)	(3,402,231)	(13,078,172)	(5,019)	(4,0/0,013)	(122/241)	U	U	(37,215,541)
Amortization of Net Transition Obligation/(Asset)	v		0	U	U U		U	U U	U	0
Amortization of Prior Service Cost/(Credit)	(41)	(171,790)	(31,396)	(33,405)	(1)	(20,615)	31,074	0	0	(226,175)
Amortization of Net Actuarial Loss/(Gain)	(9,453)	3,647,922	3,072,595	3,908,474	2,818	1,362,412	396,875	0	0	12,601,643
Settlement and Special Termination Benefit Charge/(Credit)	Q	0	0	0	0	0	0	0	0	0
Net Periodic Benefit Cost	(11,366)	4,774,073	2,376,196	2,434,648	4,087	1,268,023	630,067	0	0	11,475,728
Other Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Income		(		104.144			_	_		
Business Combinations/Divestitures - Net Actuarial Adj.	v	(1,113,319)	(11,667,053)	121,413	ប	991,906	0	o	0	(11,667,053)
Business Combinations/Divestitures - Prior Service Adj.	0	146,518	254,450	(58,785)	0	(88,034)	0	0	0	254,449
Goodwill Adjustments	0	0	0	0	0	0	0	0	0	0
Net Actuarial Loss/(Gain)	13,010	4,298,825	3,986,188	7,716,165	507,375	5,237,289	(421,858)	17,309	402,485	21,755,759
Amortization of Net Actuarial (Loss)/Gain	9,453	(3,847,922)	(3,072,595)	(3,908,474)	(2,816)	(1,382,412)	(396,875)	0	0	(12,601,643)
Prior Service Cost/(Credit)	0	(987,124)	(6,389)	(214,037)	0	(79,864)		0	0	(1,287,414)
Amortization of Prior Service (Cost)/Credit	41	171,790	31,396	33,405	1	20,615	(31,074)	Ó	Ō	226,175
Amortization of Net Transition (Obligation)/Asset	0	0	í a	, o	Ū.	0		ō	D	0
Total Recognized in Other Comprehensive Income	22,504	(1,330,932)	(10,474,003)	3,689,689	504.558	4,699,500	(849,837)	17,309	402,465	(3,318,727)
t.		(1)	(,	-114444			<b>(</b> /			(0,000,000)
Total Recognized in Net Periodic Benefit Cost and Other										
Comprehensive Income	11,138	3,443,141	(8,097,807)	6,124,337	508,645	5,967,523	(219,770)	17,309	402,485	8,157,001
Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2016							(,		,	-,,
Net Transition Obligation/(Asset)	0	0	Û	0	¢	0	0	D	0	0
Prior Service Cost/(Credit)	(41)	(255,721)	(32,056)	(62,928)	(1)	(39,544)	31,075	0	0	(359.216)
Net Actuarial Loss/(Gain)	(6.177)		1,705,107	1,928,322	25,468	820,511	223,402		18,964	6,370,272
Total	(6,216)	1,398,138	1,673,051	1,865,394	25,467	780,967	254,477	616	18,964	6,011,056
Weighted Average Assumption: Used in Determining Cost Discount Rate Interest Creding Rate Expected Return on Plan Assets	4.10%/J.80% 4.25%/4.00% 6.50%	4.25%/4.00% 6,50%	4,10%/3,80% 4,25%/4,00% 6,50%	4.10%/3.80% 4.25%/4.00% 6.50%	4.10%/3.80% 4.25%/4.00% 6.50%	6,50%	4.10%/3.80% 4.25%/4.00% 6.50%	4.10%/3.80% 4.25%/4.00% 6.50%	4.10%/3.80% 4.25%/4.00% 6.50%	4.10%/3.80% 4.25%/4.00% 5.50%
Rate of Future Compensation Increases	9.50% to 3.50%		9.50% to 3.50%	9.50% to 3.50%	9.50% to 3.50%	9.50% to 3.50%	9.50% to 3.50%	9.50% to 3.50%	9.50% to 3.50%	9.50% to 3.50%
Measurement Date(s)	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014
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### Section 1: Year End 2015 Footnote Disclosures - Prepurchase Accounting Duke Energy - Cinergy Corp. Union Employees' Retirement Income Plan

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### Cinergy Corp. Union Employees' Retirement Income Plan

Payroll Company	Duke Energy Ohio		Duke Energy Kentucky
Change in Benefit Obligation	<u>503</u>	<u>529</u>	<u>536</u>
Benefit Obligation, Beginning of Year	231.742.513	t19.221	83,497,842
Business Combinations and Divestitures	201,142,010	113,221	a3,451,642 ñ
Plan-to-Plan Transfers	(1.212.565)	(14,759)	(19,378)
Payroll Company Transfers	1 360 523	0	5,619,410
Service Cost	2,500,102	1,733	1,412,189
Interest Cost	8,954,354	4,546	3,304,307
Gross Benefits Paid	(17,577,222)	{10,403}	(6,049,988)
Plan Participants' Contributions	0	0	0
Actuarial Loss/(Gain)	(6,391,949)	501,903	(19,534)
Plan Amendments	(214,037)	0	(79,864)
Impact of Settlements and Curtailments		0	0
Benefit Obligation, End of Year	219,161,719	602,241	87,664,983
Accumulated Benefit Obligation, End of Yea	212,892,397	564,251	84,801,050
Weighted Average Assumption:			
Used in Determining Benefit Obligations			
Discount Rate	4,40%	4,40%	4.40%
Interest Crediting Rate	4.25%/4.00%	4.25%/4.00%	4.25%/4.00%
Rete of Compensation Increase	9.50% to 3.50%	9.50% to 3.50%	9.50% to 3.50%
Measurgment Date(s)	12/31/2015	12/31/2015	12/31/2015
Change in Plan Assets			
Market Value of Assels, Beginning of Year	221,082,688	85,366	80,904,829
Business Combinations and Divestitures	0	Û	0
Intercompany and Interplan Transfers (Reflected during Valua	(1,212,565)	(14,759)	(19,378)
Intercompany and Interplan Transfers (Reflected during Disclo	1,360,523	D	5,619,410
Actual Return on Assets (Net of Expenses)	(1,213,238)	(464)	(446,554)
Plan Participants' Contributions	0	0	D
Employer Contributions	4,968,863	7,272	2,079,937
Benefits Paid	(17,577,222)	(10,403)	(6,049,988)
Market Value of Assets, End of Year	207,409,049	67,012	82,088,256
Funded Status, End of Year	(11,752,671)	(535,229)	(5,576,727)
Amounts Recognized in the Statement of Financial Positio			
Noncurrent Assets	0	Û	0
Current Liabilities	0	0	0
Noncurrent Liabilities	(11,752,671)	(535,229)	(5,576,727)
Net Benefit Asset/(Liability) at End of Year	(11,752,671)	(535,229)	(5,576,727)
Amounts Recognized in Accumulated Other			
Comprehensive Income			
Net Transition Obligation/(Asset)	0	0	0
Prior Service Cost/(Credit)	49,373	33	(171,193)
Net Actuaria) Loss/(Gain)	67,595,375	561,670	23,050,052
Total	67,644,748	561,703	22,878,859
EXPECTED CASH FLOWS Expected Employer Benefit Payments (Net of Part D Subsidy			
2016	16,516,623	11,222	4,848,121
2017	16,655,566	13,194	5,048,560
2018	15,645,479	18,527	5,484,402
2019	15,884,687	25,793	6,125,837
2020	16,707,281	30,423	6,298,484
2021-2025	82,098,152	191.776	34,955,818
Expected Company Contribution:	2,323,094	46,556	1,201,920
	2,323,094	40,000	1,201,920

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# <u>Cineray Corp. Union Employees' Retirement Income Plan</u>

Payroli Company	Duke Energy Ohio <u>503</u>	Duke Energy Indiana 529	Duke Energy Kentuck <u>)</u> <u>S36</u>
Components of Net Periodic Benefit Cos Servec Gost Expected Administrative Expenses Depected Rotum on Phan Assets Expected Rotum on Phan Assets Expected Rotum on Phan Sests Amortization of Net Actarial Loss(Caim) Amortization of Net Actarial Loss(Caim) Amortization of Net Actarial Loss(Caim) Annotization of Net Actarial Loss(Caim)	2,500,102 1501,02 8,954,036 (13,076,172) (13,076,172) 6,140,274 6,140,274 6,140,274 8,810,104 9,4,810,104	1,733 1,546 4,546 (5,079) 0 4,665 4,665 5,955	1,412,188 66,345 3,66,317 (4,816,15) (4,816,15) 1,667,802 1,769,235
Chtor Changes in Plan Assets and Bonefi Obligatior Cator Changes in Plan Assets and Bonefi Obligatior Business Combinations/Divesitiures - Nat Actuatial Lossi(Gain) Business Combinations/Divesitiures - Prior Service Cost/(Cret Gaodein Adjustration Her Actuatian (Loss)/Gain Her Actuatian (Loss)/Gain Provi Catorion (Plan Service (Cost)/Cret Amortzation of Net Transform (Obligation)/Asset Amortzation of Net Transform (Obligation)/Asset Total Recognized in Other Comprehensive Income	121,413 (33,015) 7,716,165 (110,224) (214,037) (214,037) (2110,250) (110,250	507,376 507,376 (4,685) (4,685) (4,685) (4,685) (4,685) (6) 502,691	391,905 (49,540) (49,540) (1387,892) (1387,892) (1387,893) (1385,893) (1385,893) (1385,9
Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Incomt	6,150,107	508,646	6,006,017
Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Not Accumulation Object in 2016 Net Transition Objection Objection Net Transition Objection Net Actuanial Lose(Gain) Total	0 105,755 4,309,121 4,414,875	0 37 643 37,643	0 (19,803) 1.462,460 1.442,577
Weighted Average Assumption: Used in Determing Cost Discount Rate Interest Crediting Rate Expected Rateurun on Pan Assets Rate of Future Compensation Increases Measurement Oate(s)	4.10%3.80% 4.25%44.00% 6.50% 9.50% to 3.50% 12/31/2014	4.10%7.30% 4.25%44.00% 6.50% 9.50% to 3.50% 12/31/2014	4,10%/3.80% 4,25%/4,00% 6,50% 9.50% to 3,50% 1,2231/2014

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Section 1: Year End 2015 Footnote Disclosures Duke Energy - Progress Energy Pension Plan

			1091012	Energy Consider 1 Ian					
Payroll Company	Duke Energy Carolinas <u>100</u>	Duke Energy Business Services <u>110</u>	Duke Energy Commercial Enterprises, Inc. <u>501</u>	Duke Energy Discontinued Oper <u>DSC</u>	Duke Energy Progress <u>801</u>	Duke Energy Florida <u>802</u>	Florida Progress Corp	Progress Fuels Corporation	Plan Total
Change in Benefit Obligation Benefit Obligation, Beginning of Year	54,049,689	344,772,002	D	3,935,146	1,180,607,036	712,011,133	16,635,700	17 700 004	2 200 775 600
Business Combinations and Divestitures	eoo,eeu,ec D	344,772,002	ő	3,935,146	6,180,007,036	712,011,133	16,630,700	17,723,984	2,329,735,690
Plan-to-Plan Transfers	õ	ō	ő	õ	ő	ŏ	ŭ	ő	0
Payroll Company Transfers	1,313,800	(1,493,463)	0	ō	3,163,480	(2,983,817)	Ō	ō	õ
Service Cost	2,742,378	9,841,413	0	0	23,168,276	7,010,603	0	0	42,762,670
Interest Cost	2,258,075	14,107,224	0 0	161,253	47,736,068	28,518,605	665,388	706,495	94,153,108
Gross Benefits Paid Plan Participants' Contributions	(2,393,621)	(19,477,873)	0	(49,822)	(75,970,582)	(45,878,891)	(921,195)	(877,582)	(145,569,555)
Actuarial Loss/(Gain)	1,609,609	(7,940,163)	13,122	(1,019,158)	(48,257,954)	(35,323,755)	(789,341)	(1,651,266)	(93,358,906)
Plan Amendments	0	0	0	0	0	((())	0	0	(10,000,000)
Impact of Settlements and Curtailments	0	0	0	<u> </u>		0	0	0	0
Benefit Obligation, End of Year	59,579,930	339,809,140	13,122	3,027,419	1,130,446,324	663,353,878	15,591,551	15,901,630	2,227,722,996
Accumulated Benefit Obligation, End of Yea	\$9,579,930	339,809,140	13,122	3,027,419	1,130,446,324	663,353,878	15,591,551	15,901,630	2,227,722,996
Weighted Average Assumption:									
Used in Determining Benefit Obligations									
Discount Rate	4.40%		4.40%	4.40%	4.40%	4.40%	4.40%	4.40%	4.40%
Interest Crediting Rate	4.00%		4.00%	4.00%	4.00%	4,00%	4.00%	4.00%	4.00%
Rate of Compensation Increase Measurement Date(s)	11.50% to 3.50% 12/31/2015		11.50% to 3.50% 12/31/2015	11.50% to 3.50% 12/31/2015	11.50% ம 3.50% 12/31/2015	11.50% to 3,50% 12/31/2015	11.50% to 3.50% 12/31/2015	11.50% to 3.50% 12/31/2015	11.50% to 3.50% 12/31/2015
measurement Date(s)	12/31/2010	12302013	1203/12013	1213 1120 13	1213 1/2013	12/3/1/2013	12/3/12013	12/3//2015	12/31/2015
Change in Plan Asset:									
Market Value of Assets, Beginning of Year	54,036,681	303,666,395	Û	3,110,646	1,317,714,250	789,752,802	19,762,565	17,640,192	2,505,683,531
Business Combinations and Divestitures	0	0	0	0	C	0	0	0	0
Intercompany and Interplan Transfers (Reflected during Valua		0	Û	0	0	C	0	0	Đ
Intercompany and Interplan Transfers (Reflected during Discle Actual Return on Assets (Net of Expenses)	1,313,800 (482,765)	(1,493,463) (2,688,558)	0	0 (28,147)	3,163,480	(2,983,817)	0	0	0
Plan Participants' Contributions	(402,703) N	(2,000,000)	ν 0	(20,147)	(11,701,240)	(7,011,563)	(176,373)	(157,208)	(22,245,864)
Employer Contributions	2,883,133	21,948,703	ő	103,840	41,512,381	13,478,613	33,488	39.842	80,000,000
Benefits Paid	(2,393,621)	(19,477,873)	0	(49,822)	(75,970,582)	(45,878,891)	(921,195)	(877,582)	(145,569,556)
Market Value of Assets, End of Year	55,357,229	301,955,194	0	3,136,517	1,274,718,289	747,357,144	18,698,485	16,645,243	2,417,858,101
Funded Status, End of Yea:	(4,222,701)	(37,853,946)	(13,122)	109,098	144,271,965	84,003,256	3,106,934	743,613	190,145,105
Amounts Recognized in the Statement of Financial Position									
Noncurrent Assets	(4.222,701)	(37,853,946)	(13,122)	109,098	144,271,965	84,003,266	3,106,934	743,613	190,145,105
Current Liabilities	0	0	D	0	0	6	D	0	0
Noncurrent Liabilities				<u> </u>		0	0		0
Net Benefit Asset/(Liability) at End of Year	(4,222,701)	(37,853,946)	(13,122)	109,098	144,271,965	84,003,266	3,106,934	743,613	190,145,105
Amounts Recognized in Accumulated Other Comprehensive Income									
Net Transition Obligation/(Asset)	0	0	0	0	0	0	0	0	0
Prior Service Cost/(Credit)	(739,743)		0	0	(10,488,784)	(4,867,069)	0	0	(21,949,342)
Net Actuarial Loss/(Gain)	20,629,786	<u>95,371,081</u> 89,517,335	<u>13,122</u> 13,122	2,265,482	367,523,403	237,546,554	2,344,626	420,092	726,115,146
Totat	19,690,043	89,517,335	13,122	2,266,482	357,034,619	232,679,485	2,344,626	420,092	704,165,804
EXPECTED CASH FLOWS Expected Employer Benefit Payments (Net of Part D Subs									
2016 2017	4,213,356 4,422,274	24,417,355 25,421,112	252 366	72,962 102,237	90,614,818 90,907,885	47,523,524 48,491,379	874,557 881,361	952,576 965,740	168,569,400 171,192,354
2017 2018	4,422,274 4,421,084	25,421,112	483	102,237	91,101,969	48,491,379	938,691	1,032,445	171,335,495
2018	4,421,084	26,361,861	601	137,722	90,323,860	48 482 476	938,745	1,045,466	172,026,105
2020	5,413,897	26,292,927	720	142,235	90,978,246	48,908,551	995,464	1,046,078	173,778,118
2021-2025	26,592,911	132,177,320	13,026	810,533	431,041,784	236,756,925	5,204,609	5,258,348	837,855,456
Expected Company Contributions	0	0	0	Ð	0	0	0	0	O

Progress Energy Pension Plan

# Section 1: Year End 2015 Footnote Disclosures Duke Energy - Progress Energy Pension Plan

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			Progress	Energy Pension Plan					
Payroli Company	Duke Energy Carolinas <u>100</u>	Duke Energy Business Services <u>110</u>	Duke Energy Commercia) Enterprises, Inc. <u>501</u>	Duke Energy Discontinued Oper. <u>DSC</u>	Duke Energy Progress <u>801</u>	Duke Energy Florida <u>802</u>	Florida Progress Corp	Progress Fuels Corporation	Plan Total
Components of Net Periodic Benefit Cos									
Service Cost	2,742,378	9,841,413	0	D	23,168,275	7,010,603	0	0	42,762,670
Expected Administrative Expenses	55,259	310,533	0	3,181	1,347,511	807,611	20,209	18,039	2,562,343
Interest Cost	2,258,075	14,107,224	0	161,253	47,735,068	28,518,605	665,388 (4 DER EEE)	706,495	94,153,108
Expected Return on Plan Assets	(3,394,055)	(18,708,750)	U O	(192,606)	(80,100,474)	(50,204,639)	(1,258,555)	(1,115,087)	(154,974,166)
Amortization of Net Transition Obligation/(Asset) Amortization of Prior Service Cost/(Credit)	(128,643)	(1.075.566)	U O	U	(1.865,149)	(845.833)	0	Ů	(3,916,191)
Amortization of Net Actuarial Loss/(Clean)	(120,043)	8,184,433	0	275,846	33,338,342	18,668,998	147,550	70,126	62,067,263
Settlement and Special Termination Benefit Charge/(Credit)	1,301,380	0,101,105	ő	2,0,040	55,556,542	10,000,000	141,555	70,120	02,007,203
Net Periodic Benefit Cost	2,914,982	12,659,287	õ	247,674	23,623,574	3,955,345	(425,408)	(320,427)	42,655,027
Other Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Incom									
Business Combinations/Divestitures - Net Actuarial Loss/(Gain		(134,049)	0	0	1,528,706	(1,068,503)	0	0	D
Business Combinations/Divestitures - Prior Service Cost/(Crec	(48,633)	50,733	0	0	(23,829)	21,729	Û	0	0
Goodwill Adjustments	0	0	0	Û	0	0	0	0	0
Net Actuarial Loss/(Gain)	5,431,170	13,146,622	13,122	(801,586)	42,196,249	21,084,836	625,378	(397,010)	81,298,78t
Amortization of Net Actuarial (Loss)/Gain	(1,381,968)	(8,184,433)	0	(275,846)	(33,338,342)	(18,668,998)	(147,550)	(70,126)	(62,067,263)
Prior Service Cost/(Credit)	0	0	0	Q	0	0	0	0	0
Amortization of Prior Service (Cost)/Credit	128,643	1,075,566	0	0	1,855,149	B45,833	0	B	3,916,191
Amortization of Net Transition (Obligation)/Asset				0	0	0	477.825		0
Total Recognized in Other Comprehensive Income	3,803,058	5,954,439	\$3,122	(1,077,432)	12,228,933	2,214,897	477,828	(467,136)	23,147,709
Total Recognized in Net Periodic Benefit Cost and Other			10.100			4 175 176	FR 400	7777 5000	SE 000 700
Comprehensive Incom:	6,718,040	18,613,726	13,122	(829,758)	35,852,507	6,170,242	52,420	(787,563)	65,802,736
Estimate of Amounts that will be Amorized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2016							·		
Net Transition Obligation/(Asset)	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Prior Service Cost/(Credit)	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A
Net Actuarial Loss/(Gain) Total	<u>N/A</u> N/A	<u>N/A</u> N/A	N/A N/A	<u>N/A</u> N/A	<u>N/A</u> N/A	<u>N/A</u> N/A	N/A N/A	N/A N/A	N/A N/A
Weighted Average Assumption: Used in Determining Cost		4 105/	4.10%	4.4.082	4 4 6 6 4	4 4 6 94	4.10%	4.10%	4.10%
Discount Rate	4.10% 4.00%	4.10% 4.00%	4,10%	4,10%	4.10% 4.00%	4,10% 4,00%	4.00%	4.00%	4.10%
Interest Crediting Rate Expected Return on Plan Assets	4.00%		6.50%	4.00%	4.00%	4.00 % 6.50%	6.50%	6.50%	6,50%
Rate of Future Compensation Increases	11.50% to 3.50%		1.50% to 3.50%	11.50% to 3.50%	11.50% to 3.50%	t1.50% to 3.50%	11.50% to 3.50%	11.50% to 3.50%	\$1.50% to 3,50%
Rate of Future Compensation Increases Measurement Date(s)	12/31/2014		12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014

## Section 1: Year End 2015 Footnote Disclosures Duke Energy - Retirement Plan for Bargaining Unit Employees of Florida Progress Corporation

### Retirement Plan for Bargaining Unit Employees of Florida Progress Corporation

Payroll Company Change in Benefit Obligation	/ Plan Total 802
Benefit Obligation, Beginning of Year	623,365,087
Business Combinations and Divestitures	0
Plan-to-Plan Transfers	0
ayroli Company Transfers	Û
Service Cost	13,459,109
nterest Cost	25,702,075
Bross Benefits Paid	(22,411,445)
Plan Participants' Contributions	0
Actuarial Loss/(Gain)	(29,962,589)
Plan Amendments	0
mpact of Settlements and Curtailments	0
Benefit Obligation, End of Year	610,152,237
Accumulated Benefit Obligation, End of Yea	574,422,465
Veighted Average Assumption:	
Jsed in Defermining Benefit Obligations	
Discount Rate	4,40%
Interest Crediting Rate	4.00%
Rate of Compensation Increase	11.50% to 3.50%
Measurement Date(s)	12/31/2015
Change in Plan Asset:	
larket Value of Assets, Beginning of Year	573,635,328
Susiness Combinations and Divestitures	0
ntercompany and Interplan Transfers (Reflected during Valua	0
ntercompany and Interplan Transfers (Reflected during Discic	0
iciual Return on Assets (Net of Expenses)	(4,083,507)
Plan Participants' Contributions	C
Employer Contributions	27,000,000
Benefits Paid	(22,411,445)
farket Value of Assels, End of Year	574,140,375
Funded Status, End of Year	(36,011,862)
Amounts Recognized in the Statement of Financial Positio	
Voncurrent Assets	0
Current Liabilities	0
Ioncurrent Liabilities	(36,011,862)
let Benefit Asset/(Liability) at End of Year	(36,011,862)
Amounts Recognized in Accumulated Other	
Comprehensive Income	
let Transition Obligation/(Asset)	0
rior Service Cost/(Credit)	(1,916,930)
Net Actuarial Loss/(Gain)	176,723,903
Fotal	174,806,973
EXPECTED CASH FLOWS Expected Employer Benefit Payments (Net of Part D Subsidy	
2016	22,769,760
917	24,692,867
018	25,804,052
019	28,832,817
020	30,843,695
021-2025	182,082,914
Expected Company Contribution:	12 000 000
whence combany controntion	\$2,000,000

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### Section 1: Year End 2015 Footnote Disclosures Duke Energy - Retirement Plan for Bargaining Unit Employees of Florida Progress Corporation

### Retirement Plan for Bargaining Unit Employees of Florida Progress Corporation

Payroli Company	Duke Energy Florida / Plan Totai <u>802</u>
Components of Net Periodic Benefit Cos	
Service Cost	10.100.100
	13,459,109
Expected Administrative Expenses	498,128
Interest Cost	25,702,075
Expected Return on Plan Assets	(37,459,660)
Amortization of Net Transition Obligation/(Asset)	0
Amortization of Prior Service Cost/(Credit)	(283,981)
Amortization of Net Actuarial Loss/(Gain)	12,627,886
Settlement and Special Termination Benefit Charge/(Credit)	0
Net Periodic Benefit Cost	14,543,557
Other Changes in Plan Assets and Benefit Obligation	
Recognized in Other Comprehensive Incom	
Business Combinations/Divestitures - Net Actuarial Loss/(Gain)	0
Business Combinations/Divestitures - Prior Service Cost/(Crer	0
Goodwill Adjustments	0
Net Actuarial Loss/(Gain)	11,082,450
Amortization of Net Actuarial (Loss)/Gain	(12,627,886)
Prior Service Cost/(Credit)	D
Amortization of Prior Service (Cost)/Credit	263,961
Amortization of Net Transition (Obligation/Asset	0
Total Recognized in Other Comprehensive Income	(1,261,455)
Total Recognized in Net Periodic Benefit Cost and Other	
Comprehensive Income	13,282,102
o on prenensive means	15,202,102
Estimate of Amounts that will be Amortized Out of	
Accumulated Other Comprehensive Income Into Net	
Periodic Benefit Cost in 2016	
Net Transition Obligation/(Asset)	0
Prior Service Cost/(Credil)	(263,981)
Net Actuarial Loss/(Gain)	12,694,654
Total	12,410,673
1000	12,410,015
Weighted Average Assumption:	
Used in Determining Cost	
Discount Rate	4.10%
Interest Crediting Rate	4.00%
Expected Return on Plan Assels	6.50%
Rate of Future Compensation Increases	11.50% to 3.50%
Measurement Date(s)	12/31/2014
	1201/2014

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Section 1: Year End 2015 Footnote Disclosures Duke Energy - Duke Energy Executive Cash Balance Plan

### Duke Energy Executive Cash Balance Plan

<i>5.</i> .				<u>Duke Energy E</u>	xecutive Cash Balance	<u>Plan</u>				
2			Duke Energy				_			
Payroll Company	Duke Energy Carolinas <u>100</u>	Duke Energy Business Services <u>110</u>	Commercial Enterprises, inc. <u>501</u>	Duke Energy Ohio <u>503</u>	Duke Energy Indians 529	Duke Energy Kentucky <u>536</u>	Duke Energy International <u>600</u>	Duke Energy Discontinued Oper <u>DSC</u>	Duke Energy Progress	Duke Energy Florida <u>80</u> 2
Change in Benefit Obligatior Benefit Obligation, Beginning of Year Business Combinations and Divestitures	15,520,838 0	143,278,915 0	4,472,419 0	4,145,223	5,026,748 0	148,479 0	978,915 0	11,029,335	7,686,026	4,616,065 0
Pian-to-Plan Transfers Payroli Company Transfers	0	0	0	0	0 33,868	0	0	0 3,802,943	0	0 1
Service Cost	218,418 597,474	\$,384,890 5,684,395	144,858 186,001	0	0 196,092	0 5,873	48,577 40,373	0 427,776	564,401 332,353	112,665 190,345
Gross Benefits Paid Plan Participants' Contributions	(2,026,270)	(9,828,478) 0	(517,754) 0	(302,342) 0	(426,589)	(10,571)	(85,092) 0	(1,531,395) 0	(234,988)	(171,711)
Actuarial Loss/(Gain) Plan Amendments	1,658,010 0	7,133,707	514,252 0	(149,976) 0	107,145 0	(3,047)	(476,836) 0	3,703,812 0	(953,564) 0	(351,271)
Impact of Settlements and Curtailments Benefit Obligation, End of Year	15,968,469	147,653,430	4,799,786	3,856,351	4,937,263	140,734	504,937	17,432,471	7,394,228	4,386,093
Accumulated Benefit Obligation, End of Yea	15,591,933	144,061,679	3,765,537	3,856,351	4,613,206	140,734	504,937	17,432,471	7,394,228	4,386,093
Weighted Average Assumption: Used in Determining Benefit Obligations										
Discount Rate Interest Crediting Rate	4.40% N/A		4.40% N/A	4.40% N/A	4.40% N/A		4.40% N/A	4.40% N/A		4.40% N/A
Rate of Compensation Increase Measurement Date(s)	N/A 12/31/2015		N/A 12/J1/2015	N/A 12/31/2015	N/A 12/31/2015		N/A 12/31/2015	N/A 12/J1/2015		N/A 12/31/2015
Change in Plan Assets Market Value of Assets, Beginning of Year	o	o	D	n	D	O	٥	0	n	п
Business Combinations and Divestitures Intercompany and Interplan Transfers (Reflected during Valua	0	0	ů o	D	0	Ŭ 0	0	0	ů O	0
Intercompany and Interplan Transfers (Reflected during Disde		ŏ	ő	5	õ	ů	ů	ő	0	ő
Actual Return on Assets (Net of Expenses) Plan Participants' Contributions	ő	ů.	0	ő	0	ŏ	0	0	0	0
Employer Contributions Benefits Paid	2,026,270 (2,026,270)	9,828,478 (9,828,478)	517,754 (517,754)	302,342 (302,342)	426,589 (426,589)	10,571 (10,571)	85,092 (86,092)	1,531,395 (1,531,395)	234,986 (234,988)	171,711 (171,711)
Market Value of Assets, End of Year	0	0	0	0	0	0	0	0	0	C
Funded Status, End of Year	(15,968,469)	(147,653,430)	(4,799,786)	(3,856,351)	(4,937,263)	(140,734)	(504,937)	(17,432,471)	(7,394,228)	(4,386,093)
Amounts Recognized in the Statement of Financial Positi Noncurrent Assets	0	0	0	0	0	0	0	0	0	0
Current Liabilities Noncurrent Liabilities	{2,253,239} (13,715,230)	(†35,513,956)	(101,928) (4,697,858)	(313,529) (3,542,822)	(453,033) (4,484,230)	(130,394)	(84,787) (420,150)	(1,195,009) (16,237,462)	(7,099,026)	(167,998) (4,218,095)
Net Benefit Asset/(Liability) at End of Year	(15,958,469)	(147,653,430)	(4,799,786)	(3,856,351)	(4,937,263)	(140,734)	(504,937)	(17,432,471)	(7,394,228)	(4,386,093)
Amounts Recognized in Accumulated Other Comprehensive Incom										
Net Transition Obligation/(Asset) Prior Service Cost/(Credit)	0 (270,526)	0 (5,092,562)	0 (300,249)	0 17	C (9,940)		0 (95,377)	0 (79,746)		0 (1,365,699)
Net Actuarial Loss/(Gain) Tota)	6,774,102 6,503,576	46,280,166 41,187,604	<u>1,093,787</u> 793,538	<u>655,255</u> 655,272	<u>590,338</u> 580,398	<u></u>	<u>(585,841)</u> (681,218)	3,136,550 3,056,804	<u>(603,903)</u> (1,160,349)	<u>1,876,558</u> 510,859
EXPECTED CASH FLOWS										
Expected Employer Benefit Payments (Net of Part D Subs 2016	idy 2,302,277	12,403,668	104,145	320,352	462,892	10,565	86,632	1,221,016	301,627	171,654
2017 2018	2,046,192 1,859,378	13,550,108 10,098,978	157,647 181,723	313,927 307,016	449,323 435,135	10,554	94,586 75,735	1,219,931	334,549 362,727	177,182 182,971
2019	1,644,745	10,946,742	312,401	304,528	420,386	10,508	94,839	1,127,753	364,938	192,398
2020 2021-2025	1,813,478 9,315,428	10,503,993 53,947,483	359,687 3,177,163	301,371 1,429,020	505,285 2,049,484	10,469 51,179	116,861 422,259	1,103,291 5,127,637	431,731 2,671,754	202,252 1,336,444
Expected Company Contributions	2,753,332	12,403,668	104,146	320,352	462,892	10,555	86,632	756,429	301,627	171,654
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Section 1: Year End 2015 Footnote Disclosures Duke Energy - Duke Energy Executive Cash Balance Plan

### Duke Energy Executive Cash Balance Plan

Payroli Company	Duke Energy Carolinas <u>100</u>	Duke Energy Business Services <u>110</u>	Duke Energy Commercial Enterprises, Inc. <u>501</u>	Duke Energy Ohio <u>503</u>	Duke Energy Indiana 529	Duke Energy Kentuck) <u>536</u>	Duke Energy International <u>\$00</u>	Duke Energy Discontinued Oper. <u>DSC</u>	Duke Energy Progress	Duke Energy Florida <u>802</u>
Components of Net Periodic Bonelit Cos Service Cost Expected Administrative Expenses Interest Cost Expected Return on Plan Assels Amorization of Net Transition Obligation/(Assel) Amorization of Prior Service Cost/(Gredit) Amorization of Net Actuarial Loss/(Gain) Settlement and Special Termination Benefit Charge#(Credit) Net Periodic Benefit Cost	218,418 0 597,474 0 2,826 379,602 0 1,198,320	1,384,890 0 5,684,390 0 (521,172) 2,904,578 0 9,452,692	144,668 0 186,001 0 (43,586) 43,586) 330,283	0 0 163,446 0 2,944 59,746 0 225,136	0 0 196,092 0 0 8.848 35,852 0 240,792	0 5,873 0 0 4,044 0 9,917	48,577 0 0 0 (15,648) (8,088) 0 85,214	0 0 427.776 0 (10.479) (42.090) 375,207	564,401 0 3322,353 0 (97,099) 25,944 825,599	112,685 0 190,345 0 (239,600) 166,042 0 229,452
Other Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Incom Business Combinations/Divestitures - Net Actuarial Loss/(Gain Business Combinations/Divestitures - Prior Service Cost/(Crea God/WI) Adjustments Net Actuarial Loss/(Gain) Amorization of Net Actuarial (Loss)/Gain Prior Service Cost/(Credit) Amorization of Net Transition (Obligaton)/Asset Total Recognized in Othor Comprehensive Income		0 0 7,133,707 (2,904,578) 0 521,172 	0 0 514,252 (43,000) 0 43,586 <u>0</u> 514,638	C 0 (149,976) (59,746) 0 (2,944) (212,666)	0 0 107,145 (35,852) 0 (8,848) <u>0</u> 62,445	0 0 (3,047) (4,044) 0 <u>0</u> (7,091)	0 0 (476.836) 8,088 0 15,548 <u>0</u> (453,100)	0 0 3,703,812 42,090 0 10,479 <u>0</u> 3,756,381	0 0 (953,564) 2(5,944) 0 97,099 0 (582,409)	0 0 (361,271) (166,042) 0 233,600 <u>0</u> (287,713)
Total Recognized in Net Periodic Benefit Cost and Other Comprehensive Income <sup>7</sup> Estimate of Amounts that will be Amortized Out of Accumulated Other Comprehensive Income Into Net Periodic Benefit Cost in 2016 Net Transition Obligation!(Asset)	2,473,902	14,202,993	845,121	13,470	303,237	2,826	(387,886)	4,131,588	(56,810)	(58,261)
Prior Service Cost/(Credit) Net Actuarial Loss/(Gain) Total Velghted Average Assumptions Used in Determining Cost	(20,566) 619,644 599,078	(667,528) <u>4,233,362</u> 3,565,834	(45,574) <u>100,051</u> 54,477	2,589 <u>59,938</u> 62,527	7,468 54,000 61,468	0 <u>4,707</u> 4,707	(15,648) (53,588) (69,236)	(13,547) <u>286,998</u> 273,361	(97,515) (55,241) (152,756)	(239,600) <u>171,653</u> (67,947)
Discount Rate Interest Crediting Rate Expected Return on Plan Assets Rate of Future Compensation Increases Measurement Date(s)	4,10% N/A N/A 12/31/2014	N/A N/A N/A	4.10% N/A N/A N/A 12/31/2014	4.10% N/A N/A N/A 12/31/2014	4.‡0% N/A N/A N/A 12/31/2014	4,10% N/A N/A N/A 12/J1/2014	4.10% N/A N/A N/A 12/31/2014	4,10% N/A N/A N/A 12/31/2014	4.10% N/A N/A 12/31/2014	4,10% N/A N/A N/A 12/31/2014

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Plan Tolal	196,902,963 0	0 3,836,811 2,473,819 7,824,129 (15,136,190)	0 11,172,231 0 0	207,073,763 201,747,169	4.40% NA NA 12/31/2015	0 0 0 15,136,190 (15,136,190 (15,136,190	(207,073,763)	0 (17,014,539) (190,059,224) (207,073,763)	0 (7,770,528) 59,268,469 51,497,941	384,8 353,9 619,2 527,8 527,8	17,371,297
		• •	-			:		1			

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2,473,819 7,824,129 0 (912,966) 3,568,630 12,953,612 4.10% N/A N/A N/A 12/31/2014 Plan Total 0 0 11,172,231 (3,588,630) 912,966 0 912,966 8,516,567 0 (1,089,921) <u>5,421,434</u> 4,331,513 21,470,179

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### Section 1: Year End 2015 Footnote Disclosures Duke Energy - Progress Energy Supplemental Senior Executive Retirement Plan

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### Progress Energy Supplemental Senior Executive Retirement Plan

	Duke Energy Business			
Payroll Company	Services 110	Duke Energy Progress <u>801</u>	Duke Energy Florida <u>802</u>	Plan Total
Change in Benefit Obligation	_			
Benefit Obligation, Beginning of Year	34,041,318	27,156,258	6,382,193	67,579,769
Business Combinations and Divestitures	0	0	0	0
Plan-to-Plan Transfers	0	0	0	0
Payroll Company Transfers	0	0	0	0
Service Cost	0	0	0	0
Interest Cost	1,340,555	1,066,663	252,013	2,659,231
Gross Benefits Paid	(2,762,328)	(2,384,952)	(480,473)	(5.627.753)
Plan Participants' Contributions		<b>,</b>	0	0
Actuarial Loss/(Gain)	(1,520,892)	(117,711)	(80,623)	(1,719,227)
Plan Amendments	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0	(, <i>,</i> )	0
Impact of Settlements and Curtailments	0	õ	ő	ŏ
Benefit Obligation, End of Year	31,098,653	25,720,258	6.073.110	62,892,020
•		• • •		
Accumulated Benefit Obligation, End of Yea	31,098,653	25,720,258	6,073,110	62,892,020
Weighted Average Assumption: Used in Determining Benefit Obligations				
Discount Rate	4.40%	4.40%	4.40%	4.40%
	4.407- N/A	4.40% N/A	4.40% N/A	4.40% N/A
Interest Crediting Rate		N/A	N/A N/A	
Rate of Compensation Increase	N/A			N/A
Measurement Date(s)	12/31/2015	12/31/2015	12/31/2015	12/31/2015
Change in Plan Assoc			_	
farket Value of Assets, Beginning of Year	0	0	0	0
Business Combinations and Divestitures	0	0	0	0
ntercompany and Interplan Transfers (Reflected during Value		0	o	0
ntercompany and Interplan Transfers (Reflected during Disc)		C	0	0
Actual Return on Assets (Net of Expenses)	0	0	0	0
Plan Participants' Contributions	0	Û	C	0
Employer Contributions	2,762,328	2,384,952	480,473	5,627,753
Benefits Paid	(2,762,328)	(2,384,952)	(480,473)	<u>(5,6</u> 27,753)
Market Value of Assets, End of Year	0	0	0	0
Funded Status, End of Year	(31,098,653)	(25,720,258)	(6,073,110)	(62,892,020)
Amounts Recognized in the Statement of Financial Positi				
Voncurrent Assets	0	0	0	0
arrent Liabilities	(2,654,711)	(2 246 894)	(465,246)	(5,366,851)
Voncurrent Liabilities	(28,443,942)	[23,473,364]	(5,607,864)	(57,525,169)
let Benefit Assel/(Liability) at End of Year	(31,098,653)	(25,720,258)	(6,073,110)	(62,892,020)
Amounts Recognized in Accumulated Other				
Comprehensive Income				
let Transition Obligation/(Asset)	a	0	0	0
rior Service Cost/(Credit)	0	Ð	0	0
Vet Actuarial Loss/(Gain)	11,473,580	7,046,187	175,404	18,695,171
otal	11,473,580	7,045,187	175,404	18,695,171
EXPECTED CASH FLOWS				
expected Employer Benefit Payments (Net of Part D Subs		0 Dec 704	175 374	6 483 654
016	2,712,485	2,295,794	475,371	5,483,651
017	2,674,348	2,240,193	471,412	5,385,953
018	2,632,336	2,180,559	466,993	5,279,888
019	2,586,019	2,116,965	462,059	5,165,043
020	2,534,923	2,049,526	456,542	5,040,991
:021-2025	11,705,137	9,113,125	2,174,200	22,992,462
Expected Company Contribution:	2,712,486	2,295,794	475.371	5,483,651

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	Plan Total	0 2,659,201 0 0 1,693,031 1,693,031	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	940,004 0 0 1,503,677 1,503,677	400;4 Ana Ana Ana Ana Ana Ana Ana Ana Ana
5,	Duka Energy Florida <u>802</u>	252.013 21,233 21,233 21,233	- (628,101)	000.(171 0 0 801. <u>141</u> 801.141	4.10% N/A N/A N/A 12/31/2014
Progress Energy Supplemental Senior Executive Retirement Plan	Duke Energy Progress <u>801</u>	1,065,653 1,065,653 0 594,125 594,125 1,560,788	0 (117,711) (117,711) (117,711) (117,711) (11,713) 0 0	948,352 0 566,734 566,734	4.10% NA NA NA NA
<u>gy Supplemental Senior</u>	Duke Energy Basiness Services <u>110</u>	0 1,240,555 0 0 1,077,673 2,418,228	0 0 (1.520,892) (1.177,673) 0 0 0 (2.598,565)	(180,337) (180,337) 0 92,853 22,8155	4.10% 4.10% NA NA NA
Progress Ener	ayroll Company	Somponents of Net Periodic Barefit Cos Somponents of Net Periodic Barefit Cos Espected Administrative Expenses Espected Return on Plan Asset Espected Return on Plan Asset Expected Return on Plan Asset Amorization of Net Actuariel Loss((Caufi) Marchization of Net Actuariel Loss((Caufi) Marchization of Net Actuariel Loss((Caufi) Marchization of Net Actuariel Loss((Caufi) Marchization of Net Actuariel Loss((Caufi) Met Peivloté Barefit Cost	Mer Changes in Plan Assets and Benefit Obligation successprated in Other Compnehensive Increase Jusiness Combinations/Orreatibures. Net Actuanial Loss(Gain) Jusiness Combinations/Orreatibures. Prior Service Cost(Cres Jacones Combinations) Jacones Combinations (Art Actuanial Loss)(Gain) (Art Actuanial Loss)(Gain) (Art Actuanial Loss)(Gain) (Art Actuanial Loss)(Gain) (Art Actuanial Loss)(Gain) (Art Actuanial Loss)(Gain) (Art Actuanial Cost(Cretin) (Art Actuanial Cost)(Cretin) (Art Actuanian (Ders)(Cretin) (Art Actuanial Loss)(Gain) (Art Actuanial Loss)(Gain) (Art Actuanian (Ders)(Cretin) (Art Actuanianian (Ders)(Cretin) (Art Actuanianian (Ders)(Cretin) (Art Ac	otal Recognized in Net Periodic Benefit Cost and Other Jompehensive Income istimate of Amounts that will be Amortized Out of costmulated Other Competinasive Income Into Net to costmulated Other Competinasive Income Into Net ter Artuatial Loss((Gredit) ter Artuatial Loss((Gredit) ter Artuatial Loss((Gredit) otal	Veighted Average Assumption: Ised in Determing Cost Discout Rate Interest Curring Rate Expected Return on Pian Assets Rate of Future Compensation Increases Messurement Date(s)

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## Section 1: Year End 2015 Footnote Disclosures Duke Energy - Florida Progress Corporation Supplemental Executive Retirement Plan

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### Florida Progress Corporation Supplemental Executive Retirement Plan

			Florida Progress Corp	
	Duke Energy Business		and Progress Fuels	
Payroll Company	Services	Duke Energy Florida	Corporation	Plan Total
Shares in Day of Obligation	<u>110</u>	<u>802</u>		
Shange in Benefit Obligation Senefit Obligation, Beginning of Year	2,297,436	43,574,880	18,772,038	64,644,354
Business Combinations and Divestitures	2,257,450	43,374,000	10,112,030	04,044,334
Plan-to-Plan Transfers	ő	0	ŏ	ő
Payroll Company Transfers	ō	Ō	õ	ŏ
Service Cost	0	0	0	ò
nterest Cost	93,775	1,725,847	746,077	2,565,699
Bross Benefits Paid	0	(2,429,723)	(1,854,623)	(4,314,346)
Plan Participants' Contributions	0	0	0	0
Actuariat Loss/(Gain)	(86,434)	(10,488,935)	11,215,540	641,171
Plan Amendments	0	0	0	0
mpact of Settlements and Curtailments	0	0		0
Senelit Obligation, End of Year	2,304,777	32,382,069	28,850,032	63,536,878
Accumulated Benefit Obligation, End of Yea	2,304,777	32,382,069	28,850,032	63,536,878
Neighted Average Assumption:				
Jsed in Determining Benefit Obligations				
Discount Rate	4.40%	4.40%	4,40%	4,40%
Interest Crediting Rate	N/A	N/A	N/A	N/A
Rate of Compensation Increase	N/A	N/A	N/A	N/A
Measurement Date(s)	12/31/2015	12/31/2015	12/31/2015	12/31/2015
Change in Plan Assels				
Aarket Value of Assets, Beginning of Year	0	٥	0	0
Jusiness Combinations and Divestitures	õ	ő	ő	e e
ntercompany and Interplan Transfers (Reflected during Valua		ō	ū	ő
ntercompany and Interplan Transfers (Reflected during Disdo		Ō	0	ŏ
clual Return on Assets (Net of Expenses)	0	0	0	0
Plan Participants' Contributions	0	0	0	0
Employer Contributions	0	2,429,723	1,884,623	4,314,346
Jenefits Paid	0	(2,429,723)	(1,684,623)	(4,314,346)
Aarket Value of Assets, End of Year	õ	0	0	0
funded Status, End of Yea	(2,304,777)	(32,382,069)	(28,850,032)	(63,536,878)
Imounts Recognized in the Statement of Financial Positio	<b>,</b>			
Ioncurrent Assets	0	0	0	0
Surrent Lizbilities	(40,497)	(2,352,462)	(1,821,758)	(4,214,716)
Ioncurrent Liabilities	(2,264,280)	(30,029,607)	(27,028,274)	(59,322,162)
let Benefit Assel/(Liability) at End of Year	(2,304,777)	(32,382,069)	(28,850,032)	(63,536,878)
mounts Recognized in Accumulated Other				
comprehensive locome				
let Transition Obligation/(Asset)	0	D	0	0
'rior Service Cost/(Credit)	0	D	0	ō
let Actuarial Loss/(Gain)	2,084,472	8,588,247	2,455,875	13,128,594
iolai	2,084,472	8,588,247	2,455,875	13,128,594
OPECTED CASH FLOWS				
SPECIED CASH FLOWS Specied Employer Benefit Payments (Net of Part D Subsi	idu.			
016	41,378	2,403,659	1.861.405	4.306.442
017	92,600	2,385,975	1,848,316	4,326,891
018	143,638	2,362,405	1,834,347	4,340,390
019	143,158	2,336,313	1,819,453	4,298,954
020	142,650	2,310,993	1,803,724	4,257,367
021-2025	704,259	11,053,095	8,750,263	20,507,627
xpected Company Contribution:	41,378	2,403,659	1,861,405	4,306,442
		2,00,000	1,001,400	7,000,742

# iection 1: 'ear End 2015 Footnote Disclosures Juke Energy - Florida Progress Corporation Supplemental Executive Retirement Plan

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### Florida Progress Corporation Supplemental Executive Retirement Plan

ayroll Company	Duke Energy Business Services <u>110</u>	Duke Energy Florida <u>802</u>	Florida Progress Corp and Progress Fuels Corporation	Plan Total
components of Net Periodic Benefit Cos				
iervice Cost	Ċ.	D	0	0
xpected Administrative Expenses	Û	Û	0	0
sterest Cost	93,775	1,725,847	745,077	2,565,699
xpected Return on Plan Assets	Q	0	0	0
mortization of Net Transition Obligation/(Asset)	Û	0	0	0
mortization of Prior Service CosV(Credit)	0	0	C	0
monization of Net Actuarial Loss/(Gain)	126,530	1,111,899	(510,609)	727,820
etdement and Special Termination Benefit Charge/(Credit)	0	0	0	0
let Periodic Benefit Cost	220,305	2,837,746	235,458	3,293,519
Nher Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensive Incom				
usiness Combinations/Divestitures - Net Actuarial Loss/(Gain		0	0	o
usiness Combinations/Divestitures - Prior Service Cost/(Crec	0	0	0	0
oodwill Adjustments	0	0	0	0
let Actuarial Loss/(Gain)	(86,434)	(10,488,935)	11,216,540	641,171
mortization of Net Actuarial (Loss)/Gain	(125,530)	(1,111,899)	510,609	(727,820)
nor Service Cost/(Credit)	0	0	U	0
mortization of Prior Service (Cost)/Credit	0	U	U	0
montization of Net Transition (Obligation)/Asset	(212,954)	(11.600.834)		
olal Recognized in Other Comprehensive Income	(212,964)	(11,600,634)	11,727,149	{86,649}
otal Recognized in Net Periodic Benefit Cost and Other				
omprehensive Incom€	7,341	(8,763,088)	11,962,617	3,206,870
stimate of Amounts that will be Amortized Out of .ccumulated Other Comprehensive Income Into Net eriodic Benefit Cost in 2016				
et Transition Obligation/(Asset)	0	0	0	C
rior Service Cost/(Credit)	0	0	0	0
et Actuarial Loss/(Gain)	117,812	485,400	138,804	742,016
olal	117,812	485,400	138,804	742,016
Asighted Average Assumption: sed in Determining Cost Discount Rate Interest Creding Rate Expected Return on Plan Assets	4.10% N/A N/A	4,10% N/A N/A	4.10% N/A N/A	4.10% N/A N/A
Rate of Future Compensation Increases	N/A	N/A N/A	N/A	N/A N/A
Mate of Future Compensation increases Measurement Date(s)	12/31/2014	12/31/2014	12/31/2014	N/A 12/31/2014
		120112011	100112011	

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# Section 1: Year End 2015 Footnote Disclosures Duke Energy - Florida Progress Corporation Nondiscrimination Plan

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Florida Progress Corporation Nondiscrimination Plan	Florida Prograss Corp Duke Energy Business Stucks Services Duke Energy Florida Corporation Plan Total 10 802	1,834,30		235,311 72,378 310,11 231,627 627 310,11 231,627 637 648 0,1			$\frac{0}{10,394}$ $\frac{0}{3,177,123}$ $\frac{0}{4,319,009}$ $\frac{0}{7,506,526}$	10,394 3,177,123 4,319,009 7,506,526	40% 440% NA A0%	NA NA NA NA 12312015 12312015 12312015 12312015	•••				0 231,597 436,416 668,013 0 (231,597) (435,416) (666,013)		(476'906'7) (600'516'4) (671'771'6) (466'01)	ial Positio 0 0 0 (375,576) 0 (517,769) 0 (517,769) 0 (517,769) (517,769) (517,769) (517,769) (517,769) (517,769) (517,769) (517,769) (517,779) (5		•		644.036 934.550 f 585.91   644.038 934.550 1,585.91	0 247,464 333,750 245,250 354,461	241,960 241,950 241,950 241,950 241,950 241,950 241,950 241,550 255,550020000000000	-
Florida Progress Co		Thange in Reunoff toBigation Screets Deligation, Beginning of Year Sustiness Combinations and Divestitures	-aut-tur-trait italistets 2ayroll Company Transfers 2anion Cont	active cost nterest Cost Prose Republic Paid	Plan Participants' Contributions	Actualitat (coss/(calin) Nan Amendmente meno a for suite and Amend-	rupact of settlements and Cuttaliments Benefit Obligation, End of Year	tccumulated Benefit Obligation, End of Yea	Meighled Avorage Assumption: Jsed in Defermining Berreft Obligations Discount Rate interest Ceolung Rate	Rate of Compervation Increase Measurement Date(s)	Xhange in Plan Assets Aarket Value of Assets, Begjinning of Year	usiness compinations and uncertures intercompany and Interplan Transfers (Reflected during Valua	ntercompany and Interplan Transfers (Reflected during Discle Uctual Return on Assets (Net of Evnenses)	Participants' Contributions	imployer Contributions tentefits Paid	narket Value of Acsets, End of Year Junded Status - End of Year		Imounts Recognized in the Statement of Financial Positio locutarts Assets Jarrent Labrides Jonersent Labridies Reconstrates (Labrides)	mounts Recoonized in Accumulated Other	Comprehensive Income	ret i ransport Oongauon(raset) 'hior Service Cost/(Credit)	let Actuariat Loss((Sain) otal	ZPECTED CASH FLOWS Zectod Employer Benefit Payments (Net of Part D Subsidy 015 017	019 020 021-2025	

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# iection 1: 'ear End 2015 Footnote Disclosures luke Energy - Florida Progress Corporation Nondiscrimination Plan

Florida	Florida Progress Corporation Nondiscrimination Plan	ndiscrimination Plan		
ʻayroll Company	Duke Energy Business Services 110	Duke Energy Florida <u>802</u>	Florida Progress Corp and Progress Fuels Corporation	Plan Total
components of Net Periodic Benefit Cos	c	c	-	c
ixpected Administrative Expenses	, 0	, 0		• •
iterest Cost Vracted Rehim on Dian Accete	2,424	235,311	72,378	310,113
mortization of Net Transition Obligation/(Asset)		• •		• •
mortization of Prior Service Cost/(Credit)		0	0	0
unoruzation of Net Actuariat Loss/(Joain) lettlement and Special Termination Benefit Charne/(Credit)	210,5	0 6C/'807	(115,679) D	96,692 B
let Periodic Benefit Cost	6,036	444,070	(43,301)	405,805
lther Changes in Plan Assets and Benefit Obligatior 				
usiness Combinations/Divestitures - Net Actuariat (.oss/(Gain)	0 (	01	00	•••
iusmess compinations cives unes - Prior Survice Cosv(creations) ioodwill Adhistments				⇒ e
let Actuarial Loss((Gain)	(52,445)	(2,810,403)	2.848.747	(14,101)
imoruzavon ot Net Actuarial (Loss)/Gain rior Service Cost/(Credit)	(210'r)	(66,7,8UZ)	0 0	(96,692) 0
monization of Prior Service (Cost)/Credit	0	ф с	0	
olal Recognized in Other Comprehensive Income	(56,057)	(3.019,162)	2,964,426	(10,793)
otal Recognized in Net Periodic Benefit Cost and Other omprehensive Income	(50,021)	(2,575,092)	2,921,125	296,012
stimate of Amounts that will be Amortized Out of ccumulated Other Comprehensive Income Into Net				
eriodic Benefit Cost in 2016 et Transition Obligation/(Asset)	Ċ		a	Đ
rior Service Cos <i>V</i> (Credit) et Actuarial Loss/(Gain)	0	0 PEC RE	0 55.488	0 04 160
otal	435	38,239	55,488	94,162
	4.10%	4.10%	4.10%	4.10%
Interest Greeting hate Expected Return on Plan Assets				AUA
Rate of Future Compensation Increases	N/A	NA	NIA	NA
Measurement Date(s)	12/11/2014	1201/2014	12/31/2014	12/31/2014
c .				
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Section 1: Year End 2015 Footnote Disclosures Juke Energy - Legacy Duke and Cinergy Plans - Rétiree Medical

### Legacy Duke and Cinergy Plans - Retiree Medical

				Legary Dane and	oneidy hans - Retheb	HEUCA				
			Duke Energy							
		Duke Energy Business	Commercial				Duke Energy	Duke Energy		
Payroll Company	Duke Energy Carolinas	Services	Enterprises, Inc.	Duke Energy Ohio		Duke Energy Kentucky	International	Discontinued Oper		Duke Energy Florida
• • • •	<u>100</u>	<u>110</u>	<u>501</u>	<u>503</u>	<u>529</u>	536	<u>600</u>	DSC	<u>801</u>	<u>602</u>
Change in Benefit Obligation										
Benefit Obligation, Beginning of Year	128,019,066	93,708,695	12,167,754	11,529,126	91,324,495	5,573,134	118,694	2,762,261	392,069	8,956
Business Combinations and Divestitures Plan-to-Plan Transfers	Ű	(251,482)	(3,103,120)	U	U	0	0	0	0	0
Payrol Company Transfers	1,327,449	(1,810,289)	0	24,821	U 0	413,723	Ď	C C	44,296	0
Service Cost	1,192,716	1,892,878	297,090	288,037	729,142	112,435	3,207	0	8,361	594
nterest Cost	5,059,176	3,719,451	491,867	457,899	3,581,051	219,076	4,836	93,043	16,090	392
Bross Benefils Paid	(13,391,678)		(1,471,538)	(2,039,868)	(12,976,201)		(5,287)	(374,809)		(419,127)
less: federal subsidy on benefits paid	103,235	59,323	0			0	0	0	0	0
Van Participants' Contributions	3,752,733	5,418,411	490,353	679,734	2,282,363	215,144	20,760	420,166	8,165	18,030
Actuarial Loss/(Gain)	(12,497,932)	(6,293,131)	(3,645,576)	(1,394,759)	1,794,497	(949,968)	(41,943)	(1,019,889)	232,928	657,114
ERRP Receipts (applied against Claims Paid)	0	0	0	0	0	0	0	0	0	Ď
Plan Amendments	0	(3,728,953)	0	(749,034)	(3,536,775)	(396,121)	0	0	0	0
mpact of Settlements and Curtailments	113,564,766	76,890,766	0	8,795,956	83,198,572	4,705,453	0 _	0	0	0
Jenefit Obligation, End of Year	113,304,706	16,890,766	5,226,830	8,/95,956	03,198,572	4,706,453	100,267	1,880,772	512,110	265,959
Accumulated Benefit Obligation, End of Yea	Ð	0	0-	0	o	o	0	0	0	0
Neighted Average Assumption:										
Jsed in Determining Benefit Obligations										
Discount Rate	4.40%		4.40%	4.40%	4.40%		4.40%	4.40%		4.40%
Interest Crediting Rate	N/A		N/A	N/A	N/A		N/A	N/A		N/A
Rate of Compensation Increase	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Health Care Cost Trend Rate Initial rate	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7,50%
Ultimate rate	4.75%		4.75%	4.75%	4.75%		4.75%	4.75%		4.75%
Years to ultimate	4.43/3		4.7 574		4.1376	7	7.17/3	4.10/2		7
Measurement Date(s)	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015
Effect of one-percentage-point change in assumed health										
care cost trend rate on postretirement benefit obligatio								N/A		N/A
Increase	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A		N/A N/A
– Decrease	N/A	N/A	N/A	N/A	N/A	108	N/A	N/A	N/A	NA
thange in Plan Assets										
farket Value of Assets, Beginning of Year	109,610,648	31,794,527	3,532,909	7,412,160	23,093,802	1,179,727	103,788	5,073,470	260,716	3,191
lusiness Combinations and Divestitures	0	0		0	0	0	0	0	0	0
lan-to-Plan Transfers	0	0	0	0	o	0	0	0		0
'ayroll Company Transfers	217,010	(329,512)	0	(134,485)	0	142,942	0	0		0
ctual Return on Assels (Net of Expenses)	(1,693,631)		(67,134)	(128,537)	(449,497)		(1,794)	(80,140)		(3,256)
Van Participants' Contributions	3,752,733	5,418,411	490,353	679,734	2,282,363	215,144 163,903	20,760	420,156 (124,997)		18,030 393,254
imployer Contributions	4,439,221	7,727,511 (15,824,138)	496,502 (1,471,538)	688,259 (2,039,868)	7,456,459		(16,580) (5,287)	(374,809)		( <u>419</u> ,127)
leneits Paid larket Value of Assets, End of Year	102,934,303	28,150.237	2,981,092	6,477,263	19,416,926	1,197,677	100,887	4,913,690		(7,908)
larker value of Assets, card of Teal	102,004,000	20,100101	2,001,002	0,411,200	10,410,020	1,101,011	100,007	4,510,050	000,015	
unded Status, End of Year	(10,630,463)	(48,740,529)	(2,245,738)	(2,318,693)	(63,781,546)	(3,508,776)	620	3,032,918	(155,431)	(273,867)
	La.									
mounts Recognized in the Statement of Financial Positi loncurrent Assets	0	0	0	ń		0	0	ß	n	0
urrent Liabilities	ő	ŏ	å	å	n	õ	ŏ	ő	ŏ	Ď
Incurrent Liabilities	(10,630,463)	(48,740,529)	(2,245,738)	(2,318,693)	(63,781,646)	(3,508,775)	620	3,032,918	(155,431)	(273,867)
let Benefit Assel/(Liability) at End of Year	(10,630,463)		(2,245,738)	(2,318,693)	(63,781,646)		620	3,032,918		(273,867)
mounts Recognized in Accumulated Other										
omprehensive Income et Transition Obligation/(Asset)	D	0	Û	D	D	0	0	D	0	0
rior Service Cost/(Credit)	(15,660,304)		(1,481,354)	(1,735,324)	(6,133,076)		48,752	(1.007.051)		(7,495)
et Actuarial Loss/(Gain)	(54,107,495)		(12 881,555)	(20,160,074)			(65,870)	(3 879 914		649,082
otal	(69,767,799)		(14,352,909)	(21,895,398)	(85,524,831)		(18,118)	(4,886,965)	(66,609)	641,587
XPECTED CASH FLOWS	- 14									
xpected Employer Benefit Payments (Net of Part D Sub-	sidy 10,317,337	9,130,442	837,236	1,122,307	9,616,791	604.526	5,265	754,186	21,980	4,292
316 317	11,206,802	9,356,433	745,852	1,036,778	9,360,547	570,449	6,884	667,360		8,222
218	11,929,571	8,816,102	678,085	932,858	8,854,357	533,007	9,438	209,295		12,756
318	12,154,684	8,213,112	609,754	812,168	8,294,743	456,319	12,780	79,637	53,562	17,052
120	12,113,710		590,928	784.640	7,769,977	468,044	15,569	58,258	61,793	21,035
121-2025	51,320,417	32,048,566	2,133,709	3,692,212	31,186,536	2,087,799	47,803	\$51,105	- 300,169	149,388
	-			_	-		-	-		0
spected Company Contribution:	Q	0	Û	0	0	0	0	D	Û	U

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> section 1: rear End 2015 Footnote Disclosures Juke Energy - Legacy Duke and Cinergy Plans - Retiree Medical

Legacy Duke and Cinergy Plans - Retime Medical

tayroll Company Spectral Subsidies from Medicare Part C 016		Duke Energy Business Services <u>110</u> N/A	Duke Energy Commercial Enterprises, Inc. <u>501</u> NA	Duke Energy Ohic <u>503</u> N/A	Duke Energy Indiant <u>529</u> NA	Duke Energy Indian: Duke Energy Kentucky <u>\$36</u> NA NA VIA	Duke Energy International 600 N/A		Duke Energy Progress <u>901</u> N/A	Duke Energy Florida <u>802</u> N/A
210 810	ANN NA	NA NA NA NA	N N N	A N N N	AN AN	NN NN NN NN	AN AN AN AN AN AN AN AN AN AN AN AN AN A	AN NA NA NA	NN NN NN NN NN	N/N N/N
021-2025	N/N	N/A	VA	<b>AN</b>	YN AN	Y/N	AN AN	AUN AUN	<b>VIN</b>	AN AN
omponents of Net Periodic Benefit Cos territe Cost	1,192,716	1,892,878	297,090	288,037	729,142	112,435	3,207		8,361	594 24
concered Administrative Experises interest Cost Expected Return on Plan Assets	5,059,176 (6,415,626)	3.719.451 (1,654.432)	491,867 (188,651)	457,899 (417,329)	3,581,051 (1,126,463)	219,076 (50,979)	4,836 (6,176)	93.043 (282,501)	16,090 · (15,638)	392 (198)
vmortzation of Net Transtrom Obligation(Asset) vmortization of Prior Service Cost/(Credit) vmortization of Net Actual Loss((Cain) veterant ord Service Cost(Cain)	0 (6,854,434) (4,628,518)	(1,360,831) (2,831,428)	(211,644) (551,662)	0 (149.423) (2,061,863)	0 (368,040) (8,553,016)	(70,591) (367,982)	3,484 (2,937)	0 (350,338) (312,608)	0 (24,452) (16,415)	0 (1,063) (1,187)
yeurenen an operial reminaun beneut magen wong	(11,645,685)	(234,362)	(263,000)	(1,882,679)	(5,737,325)	(158,041)	2,414	(852,404)	(32,054)	(1,462)
Mher Changes in Plan Assets and Benefit Obligation recognized to Obter Competitivities with the Comm trainess Combination/Diversitimes - Net Actualial Loss(Gain) trainess Combination/Diversitimes - Prior Service Oss(JCret to Actual Competitions - Prior Service Oss(JCret	in) (390,917) 4 15	(289,598) 13,450	(3, £03, 120) 0 0	726,444	000	(164,529) (15,720)	000	000	(132,861) (36,262)	000
routerin Augustraterus Tet Actuariat (Loss/(Sain) montization of Net Actuariat (Loss)/Sain	(4,388,675) 4,628,518	(4,002,137) 2.831,428	(3,389,791) 651,662	(848,893) 2,061,863	3,370,457 8,553,016	(875,920) 367,982	(33,973) 2,937	(657,248) 312,608	253,698 16,415	660,568 1.187
hior Service Cost(Crodit) unortization of Prior Service (Cost)/Credit	6,854,434	(3,728,953) 1,360,831	211,644	(749,034) 149,423 0	(3,536,775) 368,040	(396,121) 70,591 0	[3,484]	350,338	24,452	1,063
ution trautor of real transmost roundational sector (012) Recognized in Other Comprehensive Income	6,714,775	(3,814,979)	(5,629,605)	1,366,920	8,754,737	(1,013,717)	(34,520)	5,698	125,422	662,818
otal Recognized in Net Periodic Benefit Cost and Other comprehensive Income	(4,931,911)	(4,049,341)	(5,892,605)	(515,759)	3,017,412	(1,171,758)	(32,106)	(846,706)	93,368	661,356
stimate of Amounts that will be Amontized Out of commutation Other Commercements fire Ancorrel huo Net teriodic Benefit Cost in 2016 In Transido Digatoro(Yaset) thor Service Cosu(Coalt) and Actuatial Loss((Gain)	0 (6,860,926) (5,566,479) (17,477,465)	0 (1,836,001) (3,282,781) (5,118,782)	(211,643) (211,643) (1,225,833) (1,477,476)	0 (249.282) (1.966.455) (2225.737)	0 (835,041) (1,804,483) (1,6540,574)	0 (129,337) (462,958) (587,803)	0 3,484 (6,802) (3,323)	0 (356,338) (392,378) (392,376)	(28,648) (5,399) (34,047)	0 (1,003) 623,330 673,320
fégyhed Average Assumption: tsol in Deformining Cost Discount Tage interest Creding Rate Experted Return on Plan Assets Rate of Future Componsation Increases	4.10% 4.10% 6.50% NA	4.10% N/A 6.50% N/A	4.10% 8.50% NJA	4.10% 6.50% 6.50%	4.10% 1.10% 6.50% N/A	4.10% NJA 5.50% NJA	4.10% 4.10% N/A 6.50%	4.10% 1.10% 6.50% MA	4.10% N/A B.50%	4.10% NJA 6.50%
Medical Trend Rate Initial acte Ultimate rate Years to utifimate Measurement Date(s)	6.75% 4.75% 8 12/31/2014	6,75% 4,75% 12/31/2014	6.75% 4.75% 12/31/2014	6.75% 4.75% 8 12/31/2014	6.75% 4.75% 12/31/2014	6.75% 4.75% 12/31/2014	6.75% 4.75% 12/31/2014	6.75% 4.75% 12/31/2014	6.75% 4.75% 8 12/31/2014	6.75% 4.75% 8 12/31/2014
Hect of one-percentage-point change in assumed health are cost trend rate on aggregate service and interest - increase - Decrease	N.N NIA	NIA NIA	NA NA	NIA NIA	NIA NIA	NA NA	N/A NIA	NIA NIA	NIA NIA	NIA

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Plan Total 346.564,259 (3.344,502) (3.344,502) (3.344,502) (3.344,502) (4.344,515) (4.173,415) (1.3,662,863) (5.3,166,693) (6.410,863) (6.410,863) (7.3,166,693) (7.3,166,693) (3.3,725,675) (3.3,725,735) (3.3,725,675) (3.3,117,706) (3.3,117,706) (3.3,117,706) (3.3,117,706) (3.3,117,706) (3.3,117,706) (3.3,117,706) (3.3,117,706) (3.3,117,706) (3.3,117,706) (3.3,117,706) (3.3,117,117,117,112) (3.3,117,112) (3.3,112,112) (

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### iection 1: 'ear End 2015 Footnote Disclosures - Prepurchase Accounting luke Energy - Legacy Duke and Cinergy Plans - Retiree Medical

### Legacy Duke and Cineroy Plans - Retiree Medical

ayroll Company	Ouke Energy Ohio	Duka Energy Indiana	Duka Essenia Kentusk
	Duke Energy Ohio <u>503</u>	Duke Energy Indiana 529	Duke Energy Kentuck 536
hange in Benefit Obligation			
enefit Dbligation, Beginning of Year	11,529,126	91,324,495	5,573,134
siness Combinations and Divestitures	0	0	0
an-to-Plan Transfers	0	0	0
ayroll Company Transfers	24,821	0	413,723
rvice Cost	288,037	729,142	112,435
erest Cost	457,899	3.581,051	219.076
oss Benefits Paid	(2,039,868)	(12,976,201)	(480,970
less: lederal subsidy on benefits paid	(,	(12,510,201)	(400,070
an Participants' Contributions	679,734	2,282,363	215,144
tuariat Loss/(Gain)	(1,394,759)	1,794,497	
RP Receipts (applied against Claims Paid)	(1.334,735) N	1,194,497	(949,968
an Amendments			0
	(749,034)	(3,535,775)	(396,121
pact of Settlements and Curtailments	0 705 050	0	0
nefit Obligation, End of Year	8,795,956	83,198,572	4,706,453
cumulated Benefit Obligation, End of Yea	0	e	0
eighted Average Assumption:			
ed in Determining Benefit Obligations			
Discount Rate	4,40%	4,40%	4.40%
Interest Crediting Rate	N/A	N/A	N/A
Rate of Compensation Increase	N/A	N/A	N/A
Health Care Cost Trend Rate			107
Initial rate	7.50%	7.50%	7.50%
Ultimate rate	4.75%	4,75%	4.75%
Years to ultimate	4./3%	4./ 375	4./57
Measurement Date(s)	12/31/2015	40.001	
measurement trate(s)	12/31/2015	12/31/2015	12/31/2018
Effect of one-percentage-point change in assumed health			
are cost trend rate on postretirement benefit obligatio			
- Increase	N/A	N/A	N/A
Decrease	N/A	N/A	N/A
lange in Plan Asset			
arket Value of Assets, Beginning of Year	7,412,160	23,093,802	1,179,727
Isiness Combinations and Divestitures	0	0	0
an-to-Plan Transfers	õ	č	ő
vrol Company Transfers	(134,485)	ů D	142.942
tual Return on Assets (Net of Expenses)		•	
an Participants' Contributions	(128,537)	(449,497)	(23,069
	679,734	2,282,363	215,144
roloyer Contributions	688,259	7,466,459	163,903
nefils Paid	(2,039,868)	(12,976,201)	(480,970
irket Value of Assets, End of Year	6,477,263	19,416,926	1,197,677
nded Status, End of Yeai	(2,318,693)	(63,781,646)	(3,508,776
nounts Recognized in the Statement of Financial Positio			
incurrent Assets	0	0	0
rrent Liabilities	ō	ō	ō
ncurrent Liabilities	(2,318,693)	(63,781,546)	(3,508,776
t Benefit Asset/(Liability) at End of Year	(2,318,693)	(63,781,546)	(3,508,775
nounts Recognized in Accumulated Other			
mprehensive Income			
t Transition Dbligation/(Asset)	Û	0	n
or Service Cost/(Credit)			•
	(1,735,324)	(6,133,076)	(885,790
t Actuarial Loss/(Gain)	3.043.814	(21,466,847)	(1,913,561
tal	1,308,489	(27,599,923)	(2,799,351)
PECTED CASH FLOWS pected Employer Benefit Payments (Net of Part D Subsidy			
fected Employer Benefic Payments (Not of Part D Subsidy	1 177 707	0.010 704	
18	1,122,307	9,616,791	604,526
	1,036,778	9,360,547	570,449
18	932,868	8,854,357	533,007
19	812,168	8,294,743	466,319
20	784,640	7,769,977	468,044
21-2025	3,692,212	31,186,536	2,087,799

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spected Company Contributions

### ection 1: ear End 2015 Footnote Disclosures - Prepurchase Accounting uke Energy - Legacy Duke and Cinergy Plans - Retiree Medical

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### Legacy Dake and Cinergy Plans - Retiree Medical

ayroll Company	Duke Energy Obio		Duke Energy Kentucky
	503	<u>529</u>	<u>536</u>
<pre>cted Subsidies from Medicare Part C</pre>			
)16	N/A	N/A	N/A
)17	N/A	N/A	N/A
)16	N/A	N/A	N/A
)19	N/A	N/A	N/A
)20	N/A	N/A	N/A
121-2025	N/A	N/A	N/A
omponents of Net Periodic Benefit Cos			
rvice Cost	288,037	729,142	112,435
pected Administrative Expenses	0	0	
erest Cost	457,899	3,581,051	219.076
pected Return on Plan Assets	(417,329)	(1,126,463)	(50,979)
nortization of Net Transition Obligation/(Asset)	ໍ່ດ້	0	(,, n
nortization of Prior Service Cost/(Credit)	(149,423)	(368,040)	(70,591)
norlization of Net Actuarial Loss/(Gain)	216,305	(1,462,885)	(50,366)
ettlement and Special Termination Benefit Charge/(Crodit)	0		0
et Periodic Benefit Cost	395,489	1,352,806	159,575
ther Changes in Plan Assets and Bonefit Obligation			
ecognized in Other Comprehensive Incom			
siness Combinations/Divestitures - Net Actuarial Loss/(Gain)	726,444	0	(164,529)
siness Combinations/Divestitures - Prior Service Cost/(Crec	27,117	õ	(15,720)
odwill Adjustments	0	ŏ	(10,120) D
t Actuarial Loss/(Gain)	(848,893)	3.370.457	(875,920)
nortization of Net Actuarial (Loss)/Gain	(216,305)	1,462,885	50,366
for Service Cost/(Credit)	(749,034)	(3,536,775)	(395,121)
nortization of Prior Service (Cost)/Credit	149,423	368,040	70,591
nortization of Net Transition (Obligation)/Asset	0	0	0
at Recognized in Other Comprehensive Income	(911,248)	1,664,606	(1,331,333)
stal Recognized in Net Periodic Benefit Cost and Other			
imprehensive Income	(515,759)	3,017,412	(1,171,758)
ilimate of Amounts that will be Amortized Out of			
cumulated Other Comprehensive Income Into Net			
modic Benefit Cost in 2016			
	-	0	
et Transition Obligation/(Asset) ior Service Cost/(Credit)	0 (249,282)		0
In Service Cost/(Credit)	(249,282) 220,897	(836,041) (1,702,619)	(129,837)
n Actuaria: Lossi(Gain)	(28,385)		(150,291)
na:	(20,365)	(2,538,660)	(280,128)
eighted Average Assumption:			
ed in Determining Cost			
Discount Rate	4,10%	4,10%	4.10%
Interest Crediting Rate	N/A	N/A	N/A
Expected Return on Plan Assets	6.50%	6.50%	6.50%
Rate of Future Compensation Increases	N/A	N/A	N/A
Medical Trend Rate	-		
Initial rate	6.75%	6.75%	6.75%
Ultimate rate	4.75%	4.75%	4.75%
Years to ultimate	8	8	8
Measurement Date(s)	12/31/2014	12/31/2014	12/31/2014
fect of one-percentage-point change in assumed health			
wer winner betreinige hann enginge in spannen uegin			
re cost trend rate on aggregate service and interest st			
	N/A N/A	N/A N/A	N/A N/A

Bection 1: /ear End 2015 Footnote Disclosures Juke Energy - Progress Energy and Florida Progress OPEB (Medical & Dental)

### Progress Energy and Florida Progress OPEB (Medical & Dental)

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'ayroll Company	Duke Energy Carolinas <u>100</u>	Dake Energy Business Services <u>119</u>	Duke Energy Discontinued Oper DSC	Duke Energy Progress 801	Duke Energy Florida <u>802</u>	Florida Progress Corp	Progress Fuels Corporation	Pian Total
Change in Benefit Obligation								
tenefit Obligation, Beginning of Year	2,621,805	31,669,275	50,326	152,356,798	139,507,800	565,512	669,544	327,441,060
Jusiness Combinations and Divestitures Van-to-Plan Transfers	Ŭ D	0	0	0	O P	0	0	0
ayroli Company Transfers	247,059	211,883	0	(181,608)	(277,134)	ő	å	0
service Cost	42,953	165,871	Ō	486,256	657,818	Ū	ō	1,352,908
nterest Cost	108,603	1,260,459	1,985	6,011,616	5,493,876	22,151	26,050	12,924,740
Bross Benefits Paid	(1,084)	(175.824)	(282,404)	(17,798,743) 290,989	(24,937,008) 121,609	(683)	(1,000)	(43,196,745)
less: federal subsidy on benefits paid Vian Participants' Contributions	0	ŏ	24,374	3,969,517	2,865,764	0	0	412,598 6,859,655
(ctuarial Loss/(Gain)	(877,860)	(4,692,590)	256,878	(8,621,515)	9,590,497	82,331	10,981	(4,251,278)
RRP Receipts (applied against Claims Paid)	ົ່ວ	0	0	Ď	0	0	0	D
Van Amendments moact of Settlements and Curtailments	0	0	0	0	0	0	0	0
lenefit Obligation, End of Year	2,141,476	28,439,074	51,159	136,513,120	133,023,222	669,311	705,575	301,542,937
counulated Benefit Obligation, End of Yea	0	20,700,014	0	0	0	005,311	000,070	0
Veighted Average Assumption:	-			•	•	-	· ·	Ū.
Ised in Determining Benefit Obligations								
Discount Rate	4.40%		4.40%		4.40%	4.40%	4.40%	4.40%
Interest Crediting Rate	N/A	N/A	N/A		N/A	N/A	N/A	N/A
Rate of Compensation Increase Health Care Cost Trend Rate	N/A	N/A	N/A	N/A	N/A	N/A	NA	N/A
Initial rate	7.50%	7.50%	• 7.50%	7.50%	7.50%	7.50%	7.50%	7.50%
Ultimate rate	4.75%		4.75%		4.75%	4,75%	4.75%	4.75%
Years to ultimate	7	7	7	7	7	7	7	7
Measurement Date(s)	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015	12/31/2015
Effect of one-percentage-point change in assumed health care cost trend rate on postrefirement benefit obligatio								
- Increase Decrease	N/A N/A	N/A N/A	N/A N/A		N/A N/A	N/A N/A	N/A N/A	18,446,174 (15,997,911)
the second second second								
bange in Plan Assets larket Value of Assets, Beginning of Year	(14,691)	(77,733)	(89,005)	(1,278,457)	323,053	(6,240)	(9,136)	(1,152,199)
usiness Combinations and Divestitures	0	0	Ū	0	0	D	0	0
Ian-to-Plan Transfers	0	0	0	0	0	0	0	0
ayroll Company Transfers	(691) (789)		0 4.271	697 646,484	(1,477) 873,325	0 (329)	0 (482)	0 1.523.048
ctual Return on Assets (Net of Expenses) Ian Participants' Contributions	(199)	300 0	24,374	3,969,517	2,865,764	(325)	(462)	6,859,655
mployer Contributions	1,043	169,187	251,241	13,787,721	21,585,066	657	962	35,795,877
enefits Paid	(1,084)	(175,824)	(282,404)	(17,798,743)	(24,937,008)	(683)	(1,000)	(43,196,746)
jarket Value of Assets. End of Year	(16,412)	(82,132)	(91,523)		708,733	(6,595)	(9,656)	(170,365)
unded Status, End of Year	(2,157,888)	(28,521,205)	(142,682)	(137,185,900)	(132,314,489)	(675,906)	(715,231)	(301,713,302)
mounts Recognized in the Statement of Financial Position							_	_
oncurrent Assels urrent Liabilities	0 (123,909)	0 (2,470,780)	0 (4,049)	0 (12,638,058)	0 (12,840,719)	0 (58,103)	0 (75,151)	0 (28,210,800)
oncurrent Liabilities	(123,909)	(26,050,425)	(138,633)	(124,547,813)	(119,473,770)	(617,803)	(640,080)	(273,502,502)
et Benefit Asset/(Liability) at End of Year	(2,157,888)		(142,682)		(132,314,489)		(715,231)	(301,713,302)
mounts Recognized in Accumulated Other								
omprehensive income		-				_	-	
et Transition Obligation/(Asset)	0 (9,349,214)	0 (35,976,870)	0 (23,312)	0 (120,947,166)	0 (92,120,044)	0 (163,196)	0 (568,569)	0 (259,148,371)
rior Service Cost/(Credit) et Actuarial Loss/(Gain)	(9,349,214) 942,676	(35,976,870) 9,353,718	<u>(23,312)</u> <u>534,504</u>	(120,947,186)	(92,120,044) <u>58,676,648</u>	(163,196) (38,092)	(568,569) (236,803)	175,746,767
atal	(8,406,538)		511,192	(24,433,050)	(23,443,395)	(201,268)	(805,372)	(83,401,604)
XPECTED CASH FLOWS specied Employer Benefit Payments (Net of Part D Subs	-idu							
xpected Employer Benefit Payments (Net of Part D Subs )16	iay 126,606	2,524,552	4,137	12,913,133	13,120,174	59,368	76,787	28,824,757
117	188,314	2,574,942	4,078	12,601,065	12,712,912	59,228	72,833	28 213 372
)18	227,651	2,612,704	4,015	12.217,075	12,346,705	58,712	67,330	27 534 252
)19 )20	264,365 291,962	2,609,144 2,554,688	3,946 3,875	11,916,238 11,677,383	12,050,478 11,635,732	58,110 57,105	62,246 57,190	26,964,527 25,287,935
)21-2025	1,261,354	10,845,005	18,131	51,058,294	50,742,064	257,405	252,468	14,444,721
							76,787	28,824,757
cpected Company Contribution:	126,606	2,524,552	4,137	12,913,133	13,120,174	59,368	10,181	20,024,73/

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Section 1: /ear End 2015 Footnote Disclosures Juke Energy - Progress Energy and Florida Progress OPEB (Medical & Dental)

### Progress Energy and Florida Progress OPEB (Medical & Dental)

<sup>ч</sup> аугой Со <del>н</del> арапу	Buke Energy Carolinas <u>100</u>	Duke Energy Business Services <u>110</u>	Duke Energy Discontinued Oper DSC	Duke Energy Progress <u>801</u>	Duke Energy Florida <u>802</u>	Florida Progress Corp	Progress Fuels Corporation	Plan Total
:xpected Subsidies from Medicare Part C 1016	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
017	N/A	N/A	NIA	N/A	N/A	N/A	N/A	N/A
016	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2019 2020	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A		N/A N/A	N/A
021-2025	N/A N/A	N/A	N/A	N/A N/A	N/A		N/A	N/A N/A
components of Net Periodic Benefit Cos	42,953	165,871	٥	486,266	CE7 645	0		4 358 648
Service Cost Expected Administrative Expenses	42,903 N	103,011	U 0	4c0,∠co 0	657,818 0	u n	0	1,352,908
nterest Cost	108,603	1,260,459	1,985	6,011,616	5,493,876	22,151	26,050	12,924,740
Expected Return on Plan Assets	735	3,887	4,450	63,923	(16,154)	312	457	57,610
unortization of Net Transition Obligation/(Asset) unortization of Prior Service Cost/(Credit)	0 (5.145 700)	0 (19,740,154)	0 (12,832)	0 (66 517 757)	0	0	0	0
unortization of Net Actuarial Loss/(Gain)	(5,146,729) 273,467	2,305,109	47,387	(66,517,257) 17,540,689	(33,570,195) 9,943,673	(89,816) (19,932)	(312,916) (41,010)	(125,389,899) 30,049,383
settlement and Special Termination Benefit Charge/(Credit)	0	0	0	0		0	0	0
let Periodic Benefit Cost	(4,720,971)	(16,004,828)	40,990	{42,414,763}	(17,490,982)	(87,285)	(327,419)	(81,005,258)
)ther Changes in Plan Assets and Benefit Obligation								
tecognized in Other Comprehensive Incom								
lusiness Combinations/Divestitures - Net Actuarial Loss/(Gain)		121.737	0	(146,669)	(143,078)		0	D
Insiness Combinations/Divestitures - Prior Service Cost/(Crec boodwill Adjustments	2,392	(\$09,005)	0	(85,306)	191,919	0	0	0
let Actuarial Loss/(Gain)	(877,806)	(4,697,045)	248,157	(9,331,922)	8,733,326	82,348	11,006	(5,831,936)
unortization of Net Actuarial (Loss)/Gain	(273,467)	(2,305,109)	(47,387)	(17,540,689)	(9,943,673)		41,010	(30,049,383)
vior Service Cost/(Credit)	0	0 19,740,154	0 12,832	0 66,517,257	0 33,570,195	0	0 312,916	425 399 599
umonization of Prior Service (Cost)/Credit Imonization of Net Transition (Obligation)/Asset	5,146,729 D	19,740,134	12,032	00,017,207	33,310,493 R	89,816 0	312,918	125,389,899
otal Recognized in Other Comprehensive Income	4,165,858	12,750,732	213,602	39,412,671	32,408,689	192,096	364,932	89,508,580
olal Recognized in Net Periodic Benefit Cost and Other								
Comprehensive Income	(555,113)	(3,254,096)	254,592	(0,002,092)	14,917,707	104,811	37,513	8,503,322
•	····,	,						
stimate of Amounts that will be Amortized Out of counsulated Other Comprehensive Income Into Net								
eriodic Benefit Cost in 2016								
let Transition Obligation/(Asset)	0	0	0	0	0	0	0	0
vior Service Cost/(Credit)	(5,145,412)		(12,832)	(66,564,206) 12,250,958	(33,500,402)		(312,916) (30,058)	(125,389,899) 22,308,305
tet Actuarial Loss/(Gain) otal	<u>119,658</u> (5,025,754)	<u>1,187,308</u> (18,577,007)	<u>67,847</u> 55,015	(54,313,248)	<u>8,717,427</u> (24,782,975)	(4,835) (94,651)	(342,974)	(103,081,594)
	(2,020,104)	(,,,,)	22,010	(- (- 3,240)		1- 10017	(	(,,,)
feighted Average Assumption:								
Ised in Determining Cost Discount Rate	4,10%	4,10%	4,10%	4.10%	4.10%	4,10%	4.10%	4,10%
Interest Crediting Rate	N/A		N/A	N/A	N/A		N/A	N/A
Expected Return on Plan Assets	5.00%		5.00%	5.00%	5.00%		5,00%	5,00%
Rate of Future Compensation Increases Medical Trend Rate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Initial rate	6.75%	6,75%	6.75%	6.75%	6.75%		6.75%	6.75%
Utimate rate	4.75%		4.75%	4.75%	4.75%		4.75%	4.75%
Years to ultimate Measurement Date(s)	8 12/31/2014	8 12/31/2014	8 12/31/2014	8 12/31/2014	8 12/31/2014	8 12/31/2014	8 12/31/2014	8 12/31/2014
measurement (Date(s)	12/3//2014	12/31/2014	1253 1120 14	12/3/12014	12/01/2014	(2)-01/2014	1213 1/2014	12/31/2014
ffect of one-percentage-point change in assumed health							•	
are cost trend rate on aggregate service and interest								
ost								
Increase	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	726,974 (628,108)
Decrease	N/A	N/A	D/A	DVA	DVA.	N/A	1905	(020,100)

Plan Total

4,302,560

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(5,235,396)

(5,747,973)

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12/31/2015

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(60,111,752) (60,111,752)

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• Trees Water

**xpected** Company Contributions

Year End 2015 Footnote Disclosures Juke Energy - Duke Energy Postretirement Life

**Duke Energy Postretirement Life** Doke Energy Duke Energy Business Commercial Duke Energy Duke Energy Payroll Company Duke Energy Carolinas Services Enterprises, Inc. Duke Energy Ohio Ouke Energy Indiana International Disc ontinued Oper Duke Energy Progress 100 110 501 503 <u>529</u> <u>600</u> DSC <u>801</u> Change in Benefit Obligation Benefit Obligation, Beginning of Year 89,270,331 13,718,707 20,605 14,163 4,750,422 2,218 155,401 13,024 **Jusiness Combinations and Divestitures** 0 0 ¢ 0 п D Plan-to-Plan Transfers 0 0 0 ¢ ល 0 C n Payroll Company Transfers n 0 0 0 ก C 0 service Cost a 0 0 nterest Cost 3,550,719 553,097 839 90 571 6,259 190,457 528 **Bross Benefits Paid** (4,832,365) (398,242) 0 0 0 (4,789) 0 Plan Participants' Contributions 24,956 2.952 0 385 8 187 0 0 a (1,566) Actuatial Loss/(Gain) (4.225,944) (946,464) (2.308) 1,950 (21,317) (538,772) (13,552) Man Amendments 0 ۵ mpact of Settlements and Curtailments 83,787,697 12,930,050 19,878 **Jenefit Obligation, End of Year** 0 16,684 135,939 4,410,294 Ő Accumulated Benefit Obligation, End of Yea D Ø 0 0 D 0 0 0 **Neighted Average Assumption:** Ised in Determining Benefit Obligations Discount Rate 4,40% 4.40% 4.40% 4,40% 4.40% 4.40% 4.40% 4.40% Interest Crediting Rate N/A N/A N/A N/A N/A N/A N/A N/A Rate of Compensation Increase N/A N/A N/A N/A N/A N/A N/A N/A 12/31/2015 12/31/2015 12/31/2015 12/31/2015 Measurement Date(s) 12/31/2015 12/31/2015 12/01/2015 12/31/2015 thange in Plan Assets Aarket Value of Assets, Beginning of Year 35,489,344 9,475,812 C 0 0 43,048 1,117,775 4,113 susiness Combinations and Divestitures ព ß 0 0 0 0 Van-to-Plan Transfers 0 0 ø D ٥ a ۵ avrol Company Transfers ٥ 0 n Û 0 0 0 ctual Return on Assets (Net of Expenses) 51,106 zž 200,299 a 242 5,946 0 vian Participants' Contributions 24,956 2,952 0 £. D 385 8,187 G Imployer Contributions ٥ 0 0 0 a D • n (4,832,365) 30,882,233 (398,242) 9,131,628 lenefits Paid (<u>4,789)</u> 38,886 0 larket Value of Assets, End of Year 1,131,908 4,135 Ó (19,676) unded Status, End of Yea (52,905,464) (3,798,422) 0 (16,684) (97,053) (3,278,386) 4,135 mounts Recognized in the Statement of Financial Positio Ioncurrent Assets 0 0 n ۵ 0 o a • corrent Liabilities n 0 a п 0 0 0 ß (3,278,385) (3,278,386) (52,905,464) (3,798,422) (19,878) (16,684) (97,053) (97,053) Ioncurrent Liabilities 4.135 (19,878) 4,135 let Benefit Assel/(Liability) at End of Year (16,684) mounts Recognized in Accumulated Other comprehensive Income Û 0 0 et Transition Obligation/(Asset) e C ٥ 0 Û tion Service Cost/(Credit (30,942,165) (10,104,745) (239,922) (19) (7,691) (68,478) (64,197) (25,294) 1,798,584 let Actuarial Loss/(Gain) 41,496,408 8,322,456 2,216 <u>(193)</u> 10.034 66,296 (2,182) (6,693) (31,987) (1,782,289) 10.554.243 (212) 2.343 1.734.387 **XPECTED CASH FLOWS** xpected Employer Benefit Payments (Net of Part D Subsidy 016 5,433,127 470,030 284 489 5 3 1 4 213,734 ٥ 0

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ection 1: ear End 2015 Footnote Disclosures uke Energy - Duke Energy Postretrement Life

<u>Duke Energy Postretirement Lite</u>

yfryc Case Na. 2017-0021 AG (138-041 Attachment 4 Page 48 af 58	
KyPSC Case Na. AG-DR-AH A P	

D Duke Energy Carolinas 210 310 310	omponents of Net Periodic Benefit Cos view Cast precised Cast p	Ber Changes in Plan Assets and Benefit Obligation 0 0   aceopized in Ohm Comprehensive factorm 0 0 0   acianess Combinations/Develutors - Nat Actualial Loss(Gain) 0 0 0   acianess Combinations/Develutors - Nat Actualial Loss(Gain) 0 0 0 0   acianess Combinations/Develutors - Nat Scavice Cosst(Cerc 0 <td< th=""><th>stal Recognized in Net Periodic Benefit Cost and Other (875,524) (444,473) (275,524) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (272,516) (276,516) (276,524) (276,516) (272,516) (271,516) (</th><th>eighter Average Assumption: eighter Average Assumption: Discount Rate Discount Rate Expected Return on Plan Assels Rate of Future Componention Increases Measurement Date(s) 1203/2014 1203/2014 Measurement Date(s)</th></td<>	stal Recognized in Net Periodic Benefit Cost and Other (875,524) (444,473) (275,524) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (274,473) (272,516) (276,516) (276,524) (276,516) (272,516) (271,516) (	eighter Average Assumption: eighter Average Assumption: Discount Rate Discount Rate Expected Return on Plan Assels Rate of Future Componention Increases Measurement Date(s) 1203/2014 1203/2014 Measurement Date(s)
Duke Energy Commercial Enterprises, Inc. Duke Energy Ohio <u>501</u>	0 0 839 839 839 7 7 7 7 1 (125 125 125 125 125 125 125 125 125 125	0 (1,573) (2,209) (2,209) (2,2309) (123) (	(177) (2.218) (2.218) (2.218) (2.123) (2.121) (2.123) (2.121) (2.123) (2.121) (2.121) (2.218)	4.10% 4.10% 4.10% 4.10% NAR NAR 5.00% 5.00% 5.00% NAR 1.2/31/2014
Duke Energy Indiana: <u>529</u>	(500) (500) (500) (500) (500) (500) (500) (500) (500)	0 0 1,339 (477) (4	2.521  	4.10% NNA NO% 5.00% 12231/2014
Duke Energy International <u>600</u>	0 6,259 6,259 7 (2,097) 4,90 4,901 4,901 3,596	0 0 (19.462) (4.961) (4.961) 5.427 5.427 (18,996)	(15,300) (15,300) (5,427) (5,427) (1,857) (1,857)	4.10% N/A 5.00% N/A 12/31/2014
Duke Energy Discontinued Oper Duk	0 190,457 (32,757) (32,757) (3,089) (3,089) (3,089) (3,080) (3,081) (3,081)	0 (421,561) (123,565) (123,565) (123,565) (123,565) (123,565) (133,442) (519,442)	(354,261) (354,261) (5,008) (5,008) (5,008) (521	4.10% NA 5.00% 5.012014
Duke Energy Progress	528 528 (206) (205) (2.005) 384 (1.299)	(13.364) (13.364) (13.364) (13.364) (13.364) (13.364) (11.747)	(13,046) (13,046) (2,003) (285) (2,359)	4.10% N/A 5.00% N0% 12014
Plan To <b>ta</b> l	0 0 (2,243,807) (2,243,807) (3,255,475) 3,165,809 3,165,809 1,970,067	0 (3.761,781) (3.165,809) (3.165,809) (3.165,809) (3.573,115)	(1,703,028) (1,703,028) (3,255,475) (305,776) (505,779)	4.10% N/A 5.00% N/A 12/31/2014

Towers Watson

Section 1: Year End 2015 Footnote Disclosures Juke Energy - Legacy Cinergy Plans - Retiree Life

	Plan Totai	44,504,309 0 0 1,758,406	(1. 444, 558) (2.941, 369) (2.941, 369) (2.946, 788) (4.946, 788)	•	4.40% NN NA 12/31/2015	0 8852 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(41,916,788)	0 (3,149,683) (38,767,105) (41,916,788)	0 0 12.662.773 12,652.773	3,218,230 3,216,852 3,779,883 3,179,883 3,144,577 14,645,71
	Duke Energy Discontinued Oper DSC	90,694 0 0 0 3,655 2,655	2,466 2,466 0 0 0 0 0 0 0 0 0	0	4.40% 4.40% NA NA 12/21/2015	2,021) 2,021 2,021 2,021) 2,021) 2,021) 2,021)	(94,794)	0 (3,543) (91,251) (94,794)	0 0 42,116 42,116	3,620 3,810 4,2015 4,201 26,034
	uke Energy Kontucky 536	2,177,347 0 0 0 0 0 86,012	(10,043) (45,485) (45,485) 2,138,241	D	4.40% 4.40% NIA NIA 12/3(2015	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(2,138,241)	0 (169,113) (1,969,128) (2,138,241)	0 0 558.163 558,163	172,793 171,676 183,821 187,823 164,098 766,245
	Duke Energy Indiana Duke Energy Kontucky 529 525	4,926,053 0 0 194,323	(307.159) (307.159) (307.159) (10 (10 (10 (10)(177)	Ģ	4.40% N/A N/A N/A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(4,679,677)	0 (3.71,515) (4,30 <u>8,162)</u> (4,579,677)	0 2.935,142 2.935,142	379,600 379,713 377,892 377,892 377,804 377,812 377,912 377,91
<u>tetiree Life</u>	Duke Energy Ohio 503	20,134,169 0 0 790,334	(1.381,554) 0 (1.381,554) (1.381,554) 18,780,887	0	4.40% 4.40% N/A N/A 1.2/31/2015	10 0 0 7 782,062 7762,062 7762,062 7762,062 7762,062 7762,062 7762,062 7762,062 700 700 700 700 700 700 700 700 700 70	(18,780,887)	0 (1,642,260) (17,138,627) (16,780,687)	0 0 5,845,309 5,845,309	1,878,001 1,666,470 1,646,470 1,620,8510 1,586,506 1,1586,506 7,187,687
<u>Legacy Cinerav Plans - Retiree Life</u>	Duke Energy Commercial Enterprises, Inc. <u>50</u> 1	8,070,594 0 0 317,008	(720,508) (720,508) 0 0 7,366,193	Đ	4.40% N/A N/A N/A	300,000 (300,001) (300,001) (300,001) 0	(7.366,193)	0 (640,074) (6.726,119) (7,366,193)	0 1.900,080 1,900,080	654,004 645,906 635,118 621,773 621,773 6216,099 2,772,481
_	Duke Energy Business Services <u>110</u>	9,051,153 0 0 364,891	(121,201) (505,234) (505,234) (505,234) (505,234) (505,234) (121,201)	0	4.40% N/A N/A 12/31/2015	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(8,783,369)	0 (320,562) (8,462,807) (8,763,369)	0 1,321,345 1,321,345	327,538 346,455 365,547 365,548 365,548 265,788 2,349,799
	D Duke Energy Carolinas 100	54,279 0 0 2,183 2,183	17,165 13,657	a	4.40% 4.40% N/A N/2/1/2015		(73,627)	0 (2,617) (71,010) (73,527)	0 50,618 50,618	2,674 2,822 3,1978 3,194 3,194
	<sup>2</sup> ayroll Company	Angre in Barreit Obligation Benefit Obligation, Beginning of Year Barress Combinations and Divestitures Barres Company Transfers Sayrol Company Transfers interest Cost	alan Participants' Polic Jan Participants' Contributions Uctuarial Loss/(Cain) Uctuarial Loss/(Cain) Annot of Cattlements Moats of Sattlements and Curtailments Benefit Obligation, End of Year	tccumulated Benefit Obligation, End of Yea	Meighted Averagu Assumption: Sectio Determining Benefit Oxigations Discount Rate Interest Oxiging Rate Rate of Compensation Interesse Measurement Date(s)	Change in Phan Asset sherk Value of Asset, Beginning of Year business Combinations and Divestitures "aprof Company Transfer "aprof Company Transfer trans Return on Assets (Net of Expenses) than Participant Combutions makeyer Controlotions makeyer Controlotions makey value of Assets, End of Year datker Value of Assets, End of Year	unded Status, End of Year	unouns Recognized in the Statement of Financial Positio Inneurent Assets Unrent Liabilities Ionourvent Liabilities Iet Benefit AssetV(Liability) at End of Year	.mounts Recognized in Accumulated Other more reference fet Transition Obigation(Asset) for Service Cost(Credi) in Service Cost(Credi) is Actuarial Loss(Gain)	XPECTED CASH FLOWS xpected Employer Banefit Payments (Net of Parl D Subsidy 017 018 018 019 020 020

3,218,230 3,216,852 3,203,869 3,179,883 3,144,577 144,577 144,577 3,218,230 3,218,230

3,620

172,793

379,600

1,678,001

654,004

327,538

2,674

xpected Company Contribution:

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ection 1: 'ear End 2015 Footnote Disclosures 'uke Energy - Legacy Cinergy Plans - Retiree Life

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			Legacy Cinergy Plans -	<u>Retiree Life</u>				
ayroll Company	Duke Energy Carolinas	Duke Energy Business Services	Duke Energy Commercial Enterprises, Inc.	Duke Energy Ohio		Duke Energy Kentuck)	Duke Energy Discontinued Oper	Pian Total
	<u>100</u>	<u>110</u>	<u>501</u>	503	529	536	DSC	
omponents of Net Periodic Benefit Cos								
ervice Cost	0	D	0	0	0	0	0	n
xpected Administrative Expenses	õ	ō	ŏ	õ	ŏ	ō	ő	õ
Iterest Cost	2,183	364,891	317,008	790,334	194,323	86,012	3,655	1,758,406
specied Return on Plan Assets	0	Û	0	0	0	0	0	0
montization of Net Transition Obligation/(Asset)	0	0	0	0	0	0	0	0
montization of Prior Service Cost/(Credit)	0	0 127,591	183,048	0 504,797	0 226,475	10 07 E	0 2,770	( 000 000
mortization of Net Actuarial Loss/(Gain) ettlement and Special Termination Benefit Charge/(Credit)	2,337	127,591	103,048	204,197	220,475	42,235	2,770	1,069,253
et Periodic Benefit Cost	4,520	492,482	500,056	1,295,131	420,798	128.247	6,425	2,847,659
	1,020		,			100,211	-1-12	2,011,000
ther Changes in Plan Assets and Benefit Obligation								
ecognized in Other Comprehensive Incom			-			_	_	_
usiness Combinations/Divestitures - Net Actuarial Loss/(Gain)	) U	0	0	0	0	U	U .	0
usiness Combinations/Divestitures - Prior Service Cost/(Crec oodwill Adjustments	U D	0	U O	ů.	0	0	U	u n
et Actuarial Loss//Gain}	17,165	(505,294)	(720,508)	(1,381,554)	(307,159)	(46,485)	2,466	(2,941,369)
mortization of Net Actuarial (Loss)/Gain	(2,337)	(127,591)	(183,048)	(504,797)	(226,475)	(42,235)	(2,770)	(1,089.253)
rior Service Cost/(Credit)	0	0	, o	0	Q	° Ó	0	0
mortization of Prior Service (Cost)/Gredit	0	0	0	0	0	0	0	0
monization of Net Transition (Obligation)/Asset	0	·	0	0	0	0	0	0
otal Recognized in Other Comprehensive Income	14,828	(632,885)	(903,556)	(1,886,351)	(533,634)	(88,720)	(304)	(4,030,622)
otal Recognized in Net Periodic Benefit Cost and Other								
omprehensive Income	19,348	(140,403)	(403,500)	(591,220)	(112,836)	39,527	6,121	(1,182,963)
stimate of Amounts that will be Amortized Out of								
councilated Other Comprehensive Income Into Net								
eriodic Benefit Cost in 2016								
et Transition Obligation/(Asset)	0	0	0	0	Q	0	a	0
rior Service Cost/(Credit)	0	0	0	0	0 170,885	0	2,452	736 640
et Actuarial Loss/(Gain) stat	2.947	76,929	<u>110,623</u> 110,623	340,316 340,316	170,885	32,496	2,452	<u>736,648</u> 736,648
2121	2,947	10,525	110,023	540,510	110,005	32,430	2,492	750,040
leighted Average Assumption:								
sed in Determining Cost					,			
Discount Rate	4.10%		4.10%	4.10%	4.10%	4.10%	4.10%	4,10%
Interest Crediting Rate Expected Return on Plan Assets	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Rate of Future Compensation Increases	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Measurement Date(s)	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/31/2014	12/01/2014	12/01/2014	12/01/2014

Section 1: Year End 2015 Footnote Disclosures - Prepurchase Accounting Juke Energy - Legacy Cinergy Plans - Retiree Life

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	t Duke Energy Kentucky <u>536</u>	2,177,347 0 0		(45,485) 0 2,138,241	0	4.40% 1.40% N/A 12/51/2015	00		••	0 78 633		(2,138,241)	0 (169,113) (1,969,128) (1,969,128)	0 0 776,766 776,765	642,527 672,111 672,161 682,161 892,161 692,561	172,793
	Duke Energy Indians <u>529</u>	4,926,053 0 0	194,323 (133,540) (133,540)	(307,103) 0 4,679,677	0	4.40% N/A N/A 12/31/2015	00		Ð G	0133.540	(133,540)	(4,679,677)	0 (371,515) (4 <u>,308,162</u> ) (4,579,577)	0 0 2,088,593 2,088,593	379,600 379,713 377,878 377,505 377,505	379,600
Legacy Cinergy Plans - Retiree Life	Duke Energy Chio <u>503</u>	20,134,189 0 0 0	790,334 (762,082)	(#cc.181.11) 0 18,780,887	0	4,40% 4,40% NA NA 12512015	00			0 762.082	(762,082)	(18,780,887)	Positio 0 (1.542.260) (17.138.627) (18.780.887)	0 0 730,850 730,655	Subsity 1.678,001 1.678,001 1.666,470 1.620,300 1.547,530 1.545,505 7,187,587	1,678,001
	Payroli Company Shanna in Brussia Oblination	ariange rin puteru cougadora Bereñ Obigation Begrinnig d'Year susiness comhinations and Divestitures Plan-to-Plan Transfers Dayrol Company Transfers	ervice Cost riterest Cost Sioss Benefits Paid Sioss Benefits Paid Advision Learneries	Plan Amendments Plan Amendments mpact of Settlements and Curtailments Benefit Obligation, End of Year	kcumulated Benefit Obligation, End of Yea	Motghrhed Average Assumption: Jaad in Detormming Benefit Obligations Discount Rate Interst Creating Rate Rate of Componsation increase Measurement Date(s)	Shange in Plan Asser: Aarket Value of Assets, Beginning of Year Atsiness Combinations and Diversitings	Vances containants of contained	Jayroll Company Transfers uctual Return on Assets (Net of Expenses)	<sup>y</sup> lan Participants' Contributions Employer Contributions	tenefits Paid farket Value of Assels, End of Year	unded Status, End of Year	umounts. Recognized in the Statement of Financial Positio Ioncurrent Jasets Ioncurrent Labitities Ioncurrent Labitities Iet Benefit Assevi(Liabitity) at End of Year	mounts Recognized in Accumulated Other comprehensive Income let Transfon Objection(Asset) for Service Cost/Credit) let Actuatal Loss/(Cain) ctal	XPECTED CASH FLOWS Xeecled Employer Benefit Payments (Net of Part D Subsidy 015 018 019 020 020 020	xpected Company Contribution:

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### Section 1: Year End 2015 Footnote Disclosures - Prepurchase Accounting Juke Energy - Legacy Cinergy Plans - Retiree Life

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### Legacy Cinergy Plans - Retiree Life

ayroll Company	Duke Energy Ohia 503	Duke Energy Indiana 529	Duke Energy Kentucky <u>536</u>
Components of Net Periodic Benefit Cos			
Service Cost	0	0	C
Expected Administrative Expenses	0	0	D
nterest Cost	790,334	194,323	86.012
Expected Return on Plan Assets	. 0	0	
unortization of Net Transition Obligation/(Asset)	D	0	Ū.
mortization of Prior Service Cost/(Credit)	0	Ð	Ď
mortization of Net Actuarial Loss/(Gain)	142,787	161,939	55,647
Settlement and Special Termination Benefit Charge/(Credit)	0	0	0
let Períodic Benefit Cost	933,121	356,262	141,659
ther Changes in Plan Assets and Benefit Obligation			
Recognized in Other Comprehensive Incom			
Business Combinations/Divestitures - Net Actuarial Loss/(Gain)	0	0	٥
Susiness Combinations/Divestitures - Prior Service Cost/(Cret	0	ō	ŏ
Soodwill Adjustments	ō	ō	ő
let Actuarial Losa/(Gain)	(1,381,554)	(307,159)	(46,485)
mortization of Net Actuarial (Loss)/Gain	(142,787)	(161,939)	(55,647)
rior Service Cost/(Credit)	0	(	(00,041)
mortization of Prior Service (Cost)/Credit	. 0	õ	ŏ
monization of Net Transition (Obligation)/Asset	n n	0	ő
otal Recognized in Other Comprehensive Income	(1,524,341)	(469,098)	(102,132)
otal Recognized in Net Periodic Benefit Cost and Other			
Comprehensive Income	(591,220)	(112,836)	39,527
stimate of Amounts that will be Amortized Out of			
comulated Other Comprehensive Income Into Net			
eriodic Benefit Cost in 2016			
et Transition Obligation/(Asset)	0	0	0
rior Service Cost/(Credit)	ŏ	ů	ŏ
let Actuarial Loss/(Gain)	40,409	115.479	42.948
otal	40,409	115,479	42,948
Veighted Average Assumption:			
Ised in Determining Cost			
Discount Rate	4.10%	4.10%	4.10%
Interest Crediting Rate	4.10% N/A	4.1076 N/A	
Expected Return on Plan Assets	N/A	N/A	N/A N/A
Rate of Future Compensation Increases	N/A	N/A	N/A
Measurement Date(s)	12/31/2014		
measurement rydicis)	12/31/2014	12/31/2014	12/31/2014

iaetion 1; 'ear End 2015 Fooinote Disclosures 1uke Energy - Progress Energy and Florida Progress Non-Union OPEB {Life)

	Progress Fuels Corporation Plan Total	266,562 73,321,966 0 0 0 0			270,763 69,483,242	0		<b>ਦੇ</b>	NA NA 12/31/2015 12/31/2015					0 2 063 567	0 (2,063,567)	0	(270,763) (69,483,242)	0 (15,226) (4,119,787)		0 (322,052,05) (322,052,05) (322,052,05) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052,052,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (352,052) (35	15,557 4,209,447 15,557 4,209,447 15,246 4,229,40 16,469 4,358,538 19,561 4,368,538 21,344 22,151,536	
	Duke Energy Florida Florida Progress Corp <u>502</u>	135,947 0 0	0 5,395 0	0 (13,371) 0	127,971	0	i	4.4U%	NA 12/1/2015	e		00	••	00		0	(179,721)		(127,971)	0 0 (1511) (7,511)	8.632 8.9305 9.003 9.023 4.9.028	
0	Duke Energy Florida <u>502</u>	13,701,167 0 0 0	546,34 (954,4	0 (516,383) 0	12,776,693	o		4.40% N/A	N/A 12/21/2015	c		00	• •		(954,460)	•	(12,776,593)	0 (757,479)		0 (4,201,518) (441,563) (44543,081)	773,964 777,502 774,516 784,378 784,378 3,947,568	•
Progress Energy and Florida Progress Non-Union OPEB (Life)	Duke Energy Progress <u>801</u>	53,819,89	2,142,00 (1,073,70	0 (3.989.505) 0	0 50,698,700	0		Ŧ	NIA 12/31/2015	c		00	00		07.670.1)		(20,898,700)	0 (3,160,359)		0 (12,333,336) 11,740,925 (592,411)	3,222,23 3,216,138 3,316,134 3,316,134 3,210,517 3,210,517	
nergy and Florida Progre	Duke Energy Discontinued Oper. <u>DSC</u>	9,836 0 0	e	61	9,655	o			N/A 12/31/2015	c	••	• •		. 35 406	(35,406)	•	(3'622)	(306)		0 0 64,873 64,873	516 586 586 586 585 516 525 516 525	
Prograss	Duke Energy Business Services <u>110</u>	5,388,556 0 0	0 217,486 0	0 (206,582) 0	5,399,460	0		4.40% N/A		c						0	(5,399,460)	0 (070,771)	(5,399,460)	0 2.318,487 (1,433,621)	181,843 192,225 293,281 215,010 215,010 2327,434	LTE JES
	Duke Energy Carolinas <u>100</u>	0000	000		0	0		4.40% N/A	N/A 12/31/2015	c		00		0		0	Q		0	0 (63,630) (14,828) (78,459)		, c
	'ayroll Company	Amage in Beards Obligation teneth Obligation. Beginning of Year usiness Combinations and Divestitures usines Company Transfers layout Company Transfers	jervice Cost vlorest Cost sross Benefits Paid	lan Participants' Contributions เctuarial Los≰(Gain) lan Amendments	πpact of Settlements and Curtailments tenefit Obigation, End of Year	ccumulated Benefit Obligation, End of Yea	Veighted Average Assumptions Ised in Determining Benefit Obligations	Discount Rate Interest Crediting Rate	. Rate of Compensation Increase Measurement Date(s)	hange in Plan Asset behavior at Asset	rainers Combinations and Divestitures	tan-to-Plan Transfers	arius company manarces ctual Return on Assets (Net of Expenses)	tan Participants⁺ Contributions molovar Contributions	energies contractions	larket Value of Assets, End of Year	unded Status, End of Yeat	mounts Recognized in the Statement of Financial Positio oncurrent Assets urrent Labilities	oncurrent Liabilities et Benefit Asseu/Liability) at End of Year	mounts Recognized in Accumulated Other comprehensive Income et Transion Obligation(Asset) ion Service Cost(Coeft) fol	XPECTED CASH FLOWS xpected Employer Benefit Payments (Net of Part D Subsidy 16 11 118 119 2005- 2015-	antesta Camaran Contributions

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ection 1: ear End 2015 Footnote Disclosures uke Energy - Progress Energy and Florida Progress Non-Union OPEB (Life)

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### Progress Energy and Florida Progress Non-Union OPEB (Life)

ayroll Company	Duke Energy Carolinas <u>100</u>	Duke Energy Business Services 119	Duke Energy Discontinued Oper DSC	Duke Energy Progress <u>801</u>	Duke Energy Florida <u>802</u>	Florida Progress Corp	Progress Fuels Corporation	Plan Total
omponents of Net Periodic Benefit Cos								
ervice Cost	0	0	0	0	0	0	0	0
spected Administrative Expenses	Û	0	0	0	0	0	0	0
terest Cost	0	217,486	397	2,142,009	546,369	5,395	10,657	2,922,313
spected Return on Plan Assets	0	-0	0	0	0	0	0	0
mortization of Net Transition Obligation/(Asset)	0	0	0	0	0	0	0	0
mortization of Prior Service Cost/(Credit)	(5,132)	(302,590)	0	(994,624)	(338,831)	0	0	(1,641,177)
mortization of Net Actuarial Loss/(Gain)	(603)	102,747	1,223	640,085	3,044	238	1,768	748,502
ettlement and Special Termination Benefit Charge/(Credit)		17,643	1.620	<u>_</u>	210.670			0
et Periodic Benefit Cost	(5,735)	17,043	1,620	1,787,470	210,582	5,633	12,425	2,029,638
ther Changes in Plan Assets and Benefit Obligation ecognized in Other Comprehensive Incom				-				_
usiness Combinations/Divestitures - Net Actuarial Loss/(Gain) usiness Combinations/Divestitures - Prior Service Cost/(Credit		0	0	0	0	0	Ů,	0
codvill Adjustments	., ., ., ., ., ., ., ., ., ., ., ., ., .	0	U	U	U O	J	U .	Ů
et Actuarial Loss/(Gain)	0	(206,582)	34,828	(3,989,606)	(516,383)	(13,371)	(6,456)	(4,697,470)
mortization of Net Actuarial (Loss)/Gain	603	(102,747)	(1,223)		(3,044)	(13,311) (238)	(1,758)	(748,502)
for Service Cost/(Credit)	005	(10=;1+1)	(1,223)	(0+0,000)	(2,044)	(200)	(1,130)	(140,002)
nortization of Prior Service (Cost)/Credit	5,132	302.590	ŏ	994,624	338,831	ŏ	ă	1,641,177
nortization of Net Transition (Obligation)/Asset	0,102	0	ŏ	0	0	Ģ	ō	0
stal Recognized in Other Comprehensive Income	5,735	(6,739)	33,605	(3,634,967)	(180,596)	(13,609)	(8,224)	(3,804,795)
stat Recognized in Net Periodic Benefit Cost and Other								
omprehensive Income	0	10,904	35,225	(1,847,497)	29,986	(7,976)	4,201	(1,775,157)
stimate of Amounts that will be Amortized Out of counulated Other Comprehensive Income Into Net priodic Benefit Cost in 2016								
st Transition Obligation/(Asset)	0	0	0	Û	0	0	0	0
ior Service Cost/(Credit)	(5,132)	(302,590)	0	(994,624)	(338,831)	0	0	(1,641,177)
st Actuarial Loss/(Gain)	(466)	72,795	2,037	368,636	(13,864)	(236)	1.161	430,053
ital	(5,598)	(229,795)	2,037	(625,988)	(352,695)	(236)	1,161	(1,211,114)
eighted Average Assumption: ;ed in Determining Cost								
Discount Rate	4.10%		4.10%		4.10%		4.10%	4.10%
Interest Crediting Rate	N/A		N/A		N/A	N/A	N/A	N/A
Expected Return on Plan Assets	NA		N/A		N/A	N/A	N/A N/A	N/A N/A
Rate of Future Compensation Increases	N/A		N/A 12/31/2014		N/A 12/31/2014	N/A 12/31/2014	N/A 12/31/2014	12/31/2014
Measurement Date(s)	12/31/2014	12/3//2014	12/31/2014	12/31/2014	12/31/2014	(2/3(/2014	12/3//2014	1203172014

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### iection 1: 'ear End 2015 Footnote Disclosures Juke Energy - The Union Employees of Florida Progress OPE8 (Life)

### The Union Employees of Florida Progress OPEB (Life)

The official Chiployees of Florida Progress, OFEB (Ch	
	Duke Energy Florida / Plan
'ayroll Company	Total
Shange in Benefit Obligation	<u>802</u>
Jenefit Obligation, Beginning of Year	17.260.934
Usiness Combinations and Divestitures	11,200,004
lan-to-Plan Transfers	ū
ayroll Company Transfers	0
lervice Cost	ō
nterest Cost	686,470
iross Benefits Paid	(1,317,490)
'lan Participants' Contributions	0
ctuarial Loss/(Gain)	1,526,021
'lan Amendments	0
npact of Settlements and Curtailments	0
lenefit Obligation, End of Year	18,155,935
ccumulated Benefit Obligation, End of Yea	0
Veighted Average Assumption:	
Ised in Determining Benefit Obligations	
Discount Rate	4.40%
Interest Crediting Rate	N/A
Rate of Compensation Increase	N/A
Measurement Date(s)	12/31/2015
hange in Plan Asset!	
larket Value of Assets, Beginning of Year	D
usiness Combinations and Divestitures	0
'lan-to-Plan Transfers	0
ayroll Company Transfels	0
clual Return on Assels (Net of Expenses)	0
lan Participants' Contributions	0
mployer Contributions	1,317,490
enefits Paid larket Value of Assels. End of Year	<u>(1,317,490)</u>
unded Status, End of Yeau	(18,155,935)
	(10,100,000)
mounts Recognized in the Statement of Financial Positio	a
urrent Liabilities	(1,090,977)
oncurrent Liabilities	(17,064,958)
et Benefit Asset/(Liab≇ity) at End of Year	(18,155,935)
mounts Recognized in Accumulated Other Comprehensive Incom	
et Transition Obligation/(Asset)	0
rior Service Cost/(Crefit)	(6,763,205)
et Actuarial Loss/(Gain)	8,608,913
otal	1,845,708
XPECTED CASH FLOWS xpected Employer Benefit Payments (Net of Part D Subsidy	
316	1,114,720
117	1,091,408
118	1,076,293
10	
J19	1,061,527
	1,061,527 1,041,454

1,114,720

xpected Company Contribution:	
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### ection 1: ear End 2015 Footnote Disclosures uke Energy - The Union Employees of Florida Progress OPEB (Life)

Towers Water

### The Union Employees of Florida Progress OPEB (Life)

ayroll Company	Duke Energy Florida / Plan Total <u>802</u>
omponents of Net Periodic Benefit Cos	
ervice Cost	0
xpected Administrative Expenses	ŏ
terest Cost	686,470
spected Return on Plan Assets	0
mortization of Net Transition Obligation/(Asset)	ŏ
mortization of Prior Service Cost/(Credit)	(770,534)
mortization of Net Actuatial Loss/(Gain)	373,158
ettlement and Special Termination Benefit Charge/(Credit)	0
et Periodic Benefit Cost	289.094
	203,034
ther Changes in Plan Assets and Benefit Obligation Recognized in Other Comprehensiv	
usiness Combinations/Divestitures - Net Actuarial Loss/(Gain)	0
usiness Combinations/Divestitures - Prior Service Cost/(Credit)	õ
oodwill Adjustments	õ
el Actuarial Loss/(Gain)	1,526,021
mortization of Net Actuarial (Loss)/Gain	(373,158)
for Service Cost/(Credit)	(511,100) B
mortization of Prior Service (Cost)/Credit	770,534
nortization of Net Transition (Obligation)/Asset	
stal Recognized in Other Comprehensive Income	1.923.397
··· 2······ , · · · ·····	1,020,001
stal Recognized in Net Periodic Benefit Cost and Other Comprehensive Incom	2,212,491
stimate of Amounts that will be Amortized Out of Accumulated Other Comprehensiv come into Net Periodic Benefit Cost in 2011	
et Transition Obligation/(Asset)	0
ior Service Cost/(Credit)	(770,534)
et Actuarial Loss/(Gain)	427,913
val	(342,621)
	(342,021)
eighted Average Assumption:	
sed in Determining Cost Discount Rate	
	4,10%
Interest Crediting Rate	NA
Expected Return on Plan Assets (EROA Adjusted for UBIT)	N/A
Rate of Future Compensation Increases	N/A
Measurement Date(s)	12/31/2014

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TOWER VINCE

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# iection 1; 'ear End 2015 Footnote Disclosures Nike Energy - Duke Energy Postemployment Welfare Plan

Plan Total	8,488,136
Duke Energy Progress <u>801</u>	10,828
Duke Energy Discontinued Dper. <u>DSC</u>	98,79 <del>4</del>
Duke Energy International <u>600</u>	3,967
Duke Energy Kentucky <u>536</u>	89.488
Duke Energy Indiana <u>529</u>	787,783
Duke Energy Ohio <u>503</u>	437,819
Duke Energy Commercial Enterprises, Inc. <u>501</u>	131,786
, Duke Energy Business Services   <u>110</u>	2,428,816
Duke Energy Carolinas <u>100</u>	4,388,851
'ayroll Company	urrent Liabilities

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section 1: fear End 2015 Footnote Disclosures Juke Energy - Progress Energy Postemployment Wolfare Plans

Union LTD Income	Benefits		Duke Energy	Florida	<u>502</u>	676,968			
	efits				Plan Total	212,412 2,165,808			
	and Life Ben	uke Energy	nuke Energy	Juke Energy		Duke Energy	Florida	802	
	on LTD Health				Business	Services	11	169,347	
	Non-Uni-		Duke Energy	Progress	801 110 802 Plan Total	1,784,049			
	<sup>a</sup> lan Name			<sup>2</sup> ayroll Company	•	Jurrent Labilities			

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is Towers Walton
# AG-DR-01-045 PUBLIC

# **REQUEST:**

Provide the pension and OPEB actuarial reports for Duke Energy, DEO, and the Company and/or other support for the test year pension expense and OPEB expense included in the test year.

# **RESPONSE:**

### CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachments)

Please see the attached files:

- CONFIDENTIAL AG-DR-01-045 Attachment 1.pdf
- CONFIDENTIAL AG-DR-01-045 Attachment 2.xlsx

**PERSON RESPONSIBLE:** David L. Doss, Jr.

# CONFIDENTIAL PROPRIETARY TRADE SECRET Attachment AG-DR-01-045(1) FILED UNDER SEAL

# CONFIDENTIAL PROPRIETARY TRADE SECRET Attachment AG-DR-01-045(2)

# FILED UNDER SEAL

# **REQUEST:**

Refer to the Direct Testimony of Ms. Lawler at 10 wherein she discusses the Company's adjustment to "completely exclude all revenue and costs that will flow through the Rider PSM from the calculation of the base rate revenue requirement." Explain why the Company does not propose including these amounts in the base revenue requirement and then using these amounts as a "baseline" in the Rider PSM.

# **RESPONSE:**

The purpose of Rider PSM is to allow for the sharing of actual net revenues achieved with customers which depends upon the ability of the Company to monetize its assets in the ever-changing wholesale markets. Including an amount in base rates defeats the purpose and intent of the Rider PSM. The Company believes it is a cleaner, simpler, and more transparent process, to exclude any Rider PSM revenues and costs from base rates. Customers have enjoyed the benefits of Rider PSM since the time of the last rate case without the need to include a "base" amount in base rates.

# PERSON RESPONSIBLE: Sarah E. Lawler

### **REQUEST:**

Refer to WPC-2a and WPC-2b.

- a. Provide the calculations and all support for the sales for resale revenues in the base period and in the test year.
- b. Explain why the sales for resale revenues decline in the test year compared to the base year.

### **RESPONSE:**

- a. See AG-DR-01-047 Attachment, for support of "sales for resale" shown on WPC-2a and WPC-2b. Sales for resale (Product code SLSRSL included in the attachment) represent sales of excess generation to PJM. This amount is calculated on an hour by hour basis. For example, suppose in a given hour that East Bend is the only generator online and that it is producing 500 MW. Suppose also that Duke Energy Kentucky native load is 450 MW. In this hour there would be a sale of 50 MW that would be priced at the day ahead or real time LMP at the generator.
- b. As discussed in AG-DR-01-047 Attachment, certain amounts included in the actual months of the base period are not included in the forecasted test period.
  In addition, there are no projected sales for resale in April 2018 due to planned maintenance outages.

## PERSON RESPONSIBLE: Robert H. Pratt

#### Duke Energy Kentucky, Inc.

Sales for Resale

<u>Account</u> 447150	Account Description Sales For Resale - Outside	Product CAPCTY FACASM	(1) (2)	December 2016 <u>Actual</u> (3,505.48) 77,244.38	January 2017 <u>Actual</u> (3,505.48) 145,522.08	February 2017 <u>Actual</u> (3,166.24) 295,430.01	March 2017 <u>Actual</u> (3,505.48) (236,044.41)	April 2017 <u>Actual</u> (3,392.40) 65,282,20	May 2017 <u>Actual</u> (3,505.48) 113,906,44	June 2017 <u>Projected</u> 0.00 0.00	July 2017 <u>Projected</u> 0.00 0.00	August 2017 Projected 0.00 0.00	September 2017 Projected 0.00 0.00	October 2017 Projected 0.00 0.00	November 2017 Projected 0.00 0.00	Base Period (20,580,56) 461,340,70
		FER668	(3)	1,855,905.95	0.00	0.00	1,231,564.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,087,470.87
447150 Tota	1	SLSRSL	(4)	1,001,572,35 2,931,217.20	<u>1,633,194.22</u> 1,775,210.82	<u>1,316,415.86</u> 1,608,679.63	<u>2,523,067.03</u> 3,515,082.06	2,433,413.60 2,495,303.40	<u>1,187,597.65</u> 1,297,998.61	<u>672,000.00</u> 672,000.00	835,000.00 835,000.00	716,000.00 716,000.00	<u>619,000.00</u> 619,000.00	898,000.00 898,000.00	<u>569,000.00</u> 569,000.00	<u>14,404,260.71</u> 17,932,491.72
				April 2018	May 2018	June 2018	July 2018	August 2018	September 2018	October 2018	November 2018	December 2018	January 2019	February 2019	March 2019	Forecasted
Account	Account Description	Product		Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Period
447150	Sales For Resale - Outside	CAPCTY	(1)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		FACASM	(2)	0.00	0.00	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		FER668	(3)	0.00	0.00	0.00	0.00	0.00	0.00	0,00	0.00	0.00	0.00	0.00	0.00	0.00
		SLSRSL	141	0.00	403,000.00	536,000.00	981,000.00	345,000.00	774,000.00	1,242,000.00	683,000.00	435,000.00	3,588,000.00	1,603,000.00	1,368,000.00	11,959,000.00
		SUSHSL	(-+)	10.000	400,000	2.70,000.00	200 27000 0100		1 / The second second	with the lot of the to be					A TUNED IN THE OF CALLED	

(1) Represents the net of all capacity transactions invoiced by PJM. These transactions are budgeted to account 555, not account 447 and therefore not included in Sales for Resale in the projected months of the base period and the forecasted test period.

(2) Represents the Ancillary services PJM billing line items recorded to account 447. No amounts were included in the projected months of the base period and the forecasted test period.

(3) An accounting entry required by FERC 668 order. These amounts are offset in account 555 with zero margin impact and therefore not budgeted.

(4) Represents sales of excess generation to PJM

# Duke Energy Kentucky Case No. 2017-00321 Attorney General's First Set Data Requests Date Received: October 27, 2017

### AG-DR-01-048

### **REQUEST:**

Describe in detail how the Company allocates fuel expense between off-system sales and native load. Provide a copy of all documentation of this allocation methodology.

### **RESPONSE:**

Objection. Overbroad, unduly burdensome, not likely to lead to the discovery of any relevant and admissible information. The process for allocating fuel costs between off-system sales and native load is the subject of semi-annual and biennial audits by the Commission. Without waiving said objection, and to the extent discoverable, in general, an after-the-fact-dispatch process is used to allocate the lowest cost fuel and purchased power expense to native load with the remaining fuel cost allocated to off-system sales.

### **PERSON RESPONSIBLE:**

Legal- Objection John Swez

#### **REQUEST:**

Refer to the Direct Testimony of Ms. Lawler at 12 wherein she discusses the Company's adjustment to remove costs to achieve ("CTA") related to the Duke Energy acquisition of Piedmont Natural Gas.

- a. Provide the CTA related to the Duke Energy acquisition of Progress Energy by FERC O&M and A&G account for each month January 2015 through the most recent month for which actual information is available and projected for each month thereafter through the end of the test year.
- b. Provide the CTA related to the Duke Energy acquisition of Piedmont Natural Gas by FERC O&M and A&G account for each month January 2015 through the most recent month for which actual information is available and projected for each month thereafter through the end of the test year.

### **RESPONSE:**

 a. Please see Attachment AG-DR-01-049(a) for the amounts of Progress Energy CTA charged by month by FERC account to DEK electric. Note that Progress Energy CTA tracking ended with the June 30, 2017 accounting period. b. Please see Attachment AG-DR-01-049(b) for the amounts of Piedmont Natural Gas CTA charged by month by FERC account to DEK electric. The amounts are provided monthly, either actual or projected through the end of the test year.

PERSON RESPONSIBLE: Jeffrey R. Setser

Reported CTA Account Level 8 Descr LVL	CTA Cost (All)	DEK Electric											
Sum of 75957 DE Kentucky (USFRELGOV) Row Labels	Column Labels	2	3	4	5	6	7	8	9	10	11	12	Grand Total
403002			4			-			-			13	13
404200			42,908			40,753			51,169			24,246	159,076
500000	154	96	189	26	13	1.00000	10	6	2	1		-	497
506000		(33)	10	-	-	38	27	(7)	7	4	0	-	45
514000									87			-	87
514300									1			0	1
524000		-	÷	-		68	-		-	(0)	2	-	70
546000						5				1-1		-	5
549000								10	4	42		-	56
554000						7	8	0	2		1	-	18
581004			14								23	-	37
588100						3,937	(3,932)	11	5			-	22
903000	343		4	2		108	4	9		(6)	16	6	486
910000			3							1.1			3
912000				3									3
920000	12,541	0	15,202	7,812	8,923	8,625	6,532	6,264	4,966	5,231	5	3,981	80,081
921100	1,787	1,849	3,806	1,155	2,369	1,685	2,234	1,679	2,058	1,361	985	271	21,237
921200	(2,703)	187	375	(3,252)	578	5,485	227	(2,795)	241	115	(154)	341	(1,355
921400	688	3,076	2,179	1,441	925	(35,545)	(5,729)	3,789	567	495	4,976	205	(22,931
921540	347	347	404	298	234	234	2,430	234	234	(1,962)	234	234	3,269
921980	(63)	6,122	6,862	12,850	14,977	12,666	8,175	12,615	17,438	10,398	14,432	14,433	130,904
923000	40,600	33,855	37,364	82,466	19,027	26,117	80,939	(26,318)	35,545	71,028	(56,301)	26,122	370,443
925000	528	528	528	543	543	543	543	543	543	543	543	460	6,393
926490	10.77		100									3,016	3,016
926600				12		-						COMPANIES.	12
930200	1	1	9		1	13	1	2	1	39	1	15	84
930250	311	269	166	373	92	130	(111)	464	34	0	1,190	121	3,039
930940			1.2.3	12	4		1				N. 1025		12
931001	(335)	(429)	(435)	(448)	(448)	(446)	(435)	(448)	(448)	(448)	(448)	(448)	(5,216
Grand Total	54,199	45,867	109,588	103,294	47,234	64,422	90,924		112,454	86,841	(34,493)	73,018	749,409

KyPSC Case No. 2017-00321 AG-DR-01-049(a) Attachment Page 2 of 3

		201	6 - CTA relat	ed to the	Progress n	nerger allo	cated to D	EK					
Reported CTA	CTA Cost												
Cap Exp or Dep	Expense	-	1	Electric									
Sum of 75957 DE Kentucky (Elec)	Column Labels												
Row Labels		1 2	3	4	5	6	7	8	9	10	11	12 (	Grand Total
403002			5			20			26			93	144
404200			(162,626)			114,956			111,184			187,646	251,160
524000	3	2	-	4	3	-							12
903000	(4	)			191						30		26
903100											3		3
903200								-	1	-	3		3
903300											2		2
920000	3	7,405	2,806	1,090	7	3,299	1,306	1,364	4,490	3,904	4,349	4,228	34,250
921100	120	66	187	100	73	51	48	93	26	37	27	119	947
921200		13	5	8	19	3	3	3	5	3	3	3	71
921400	4	266	(599)	155	581	346	643	3,516	327	(1,590)	(0)	2,671	6,320
921540	228	228	228										683
921980	10,005	14,036	14,036	10,054	14,036	14,036	9,959	14,039	14,039	12,660	14,226	36,731	177,855
923000	3,863	8,333	21,651	(1,117)	7,842	28,045	35,101	(37,369)	7,961	1,347	7,519	17,432	100,610
925000	528	528	528	528	528	(3,061)	528	528	528	528	528	645	2,868
930250		23	102		(108)	389						3	413
931001	(452	.) (452)	(452)	(452)	(452)	(452)	(452)	(452)	(452)	(452)	(452)	(452)	(5,422)
Grand Total	14,303	30,448	(124,130)	10,371	22,529	157,633	47,135	(18,276)	138,136	16,438	26,238	249,118	569,946

СТА	CTA Cost						
Cap Exp or Dep	Expense			Electric			
Sum of 75080 - DE Kentucky Other Elec	Column Labels						
Row Labels	1	2	3	4	5	6 G	rand Total
403500	-	35,507	16,932	16,932	16,932	16,932	103,237
404200			233,413				233,413
426510			-			-	-
431900		-					-
432000	(2,360)		-	-	-	+	(2,360
447150		-					-
447153	-	-	(#c)	-			
449105						-	4
456104		- ÷					-
524000		-					
566100						-	4
903000				7	35	-	42
903100					809		809
903200		1					1
903300	8		9				17
910100					66		66
920000	55		1,733			59	1,847
921100	2,344	18	67	48	85	21	2,582
921200	2	10	7	2	2,500	2	2,523
921400		12	124	-	793	(793)	137
921540			110	-	÷		110
921980	17,754	(17,754)	(16,932)	(16,932)	(16,932)	(16,932)	(67,729
923000	(448)	2,568	6,799	3,496	2,076	1,755	16,247
925000	548	548	548	548	548	548	3,291
930250	÷		5				5
931001	(487)	(487)	(487)	(487)	(487)	(487)	(2,919
Grand Total	17,417	20,425	242,329	3,614	6,427	1,105	291,317

KyPSC Case No. 2017-00321 AG-DR-01-049(b) Attachment Page 1 of 4

# 2015 - CTA related to the Piedmont merger allocated to DEK

CTA Cap Exp or Dep	CTA Expense	Electric
Sum of 75957 DE Kentucky (USFRELGOV)	Column Labels	Crand Total
Row Labels		Grand Total 44,396
428021	44,396	
921100	5	5
921200	6	6
923000	55,328	55,328
Grand Total	99,735	99,735

KyPSC Case No. 2017-00321 AG-DR-01-049(b) Attachment Page 2 of 4

F		2016 -	CTA related	to the Pi	edmont n	nerger allo	cated to D	DEK					
СТА	CTA Cost												
Cap Exp or Dep	Expense	-	DE	EK Electri	с								
Sum of 75957 DE Kentucky (Elec)	Column Labels												
Row Labels		1 2	3	4	5	6	7	8	9	10	11	12 0	Grand Total
408960					275	316	354	415	362	238	691	174	2,825
511000										1		-	1
913001									2				2
920000				1,724	4,490	5,371	5,733	6,805	5,923	3,909	9,461	8,068	51,483
921100	24	2,245	121	49	153	2,229	63	243	151	2,181	427	27	7,912
921200		0	2	-	11	77	367	144	309	79	492	1,980	3,459
921400								2		-	190	3,304	3,495
921540									47,303		1,990	164	49,456
923000	159	2,317	1,694	8,844	11,727	16,209	17,017	15,962	20,743	3,461	22,732	25,579	146,444
926000		298	-					2,101		-	585	246	3,230
926600					769	882	988	1,159	1,012	664	1,912	293	7,678
930200											-	6	6
930250												805	805
Grand Total	25,324	30,031	(48,496)	10,616	17,425	25,083	24,521	26,829	75,804	10,533	38,480	40,645	276,795

KyPSC Case No. 2017-00321 AG-DR-01-049(b) Attachment Page 3 of 4

СТА	CTA Cost									
Cap Exp or Dep	Expense			Electric						
Sum of 75957 DE Kentucky (Elec)	Column Labels									
Row Labels	1	2	3	4	5	6	7	8	9 G	rand Total
408960	317	348	409	465	526	591	565	651		3,870
432000	-	-		(22)	-	-	(53)	8	-	(74)
569200									662	662
903000				41	296	273	475	479	386	1,950
920000	4,968	5,546	7,017	8,628	8,802	9,929	9,641	9,645	11,401	75,577
921100	1,618	84	171	127	269	167	93	104	114	2,748
921200	67	75	109	150	310	1,013	2,050	167	(787)	3,153
921400			15,454	4,792	222	4,637	521	11	(11,043)	14,593
921540	1,013	332	522	(168)	436	180	213	21	176	2,724
921980	-	-	-	-	-	-	-		989	989
923000	10,045	24,791	34,741	39,069	30,956	52,381	35,921	31,878	61,770	321,551
926000	(52)		181		167	88	176		364	925
926600	872	959	1,126	1,281	1,446	1,627	1,554	1,794	1,788	12,446
930200	5	31	24	36	37	34	54	45	23	290
930250	113	422	(39)			-	1,921		328	2,745
935100	513	987	(0)	(185)			(1,488)	(2,922)	-	(3,096)
Grand Total	19,480	33,575	59,714	54,213	43,466	70,920	51,643	42,752	65,291	441,054

KyPSC Case No. 2017-00321 AG-DR-01-049(b) Attachment Page 4 of 4

						Proje	cted CTA r	elated to th	e Piedmor	nt merger	allocated t	O DEK	_						
Sum of 75957 - Electric Row Labels		Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Grand Total
0408960	6	6	6	313	313	313	313	313	313	313	313	313	313	313	313	212	212	212	4,413
0920000	96	96	96	4,019	4,014	3,920	3,698	3,728	3,523	3,506	3,444	3,494	3,493	3,466	3,466	3,667	3,663	3,536	54,927
0921100	87	87	87	84	84	84	80	84	84	84	84	84	84	80	80	41	41	41	1,381
0921200	1,550	1,549	1,550	6,635	1,651	1,836	1,657	1,550	1,548	1,548	1,548	1,548	1,548	1,548	1,107	(13,546)	(13,547)	(13,543)	) (12,264)
0921400	-	-	19	1	1	1	1	1	1	1	1	1	48	1	1	1	1	1	55
0923000	83,214	83,214	83,214	35,599	45,474	41,148	48,028	33,572	29,112	29,636	30,520	27,579	24,921	22,509	26,089	13,454	22,717	21,923	701,921
0926600	17	17	17	975	975	975	975	975	975	975	975	975	975	975	975	618	618	618	13,610
0930250	-	-		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15
Grand Total	84,970	84,969	84,970	47,627	52,513	48,279	54,754	40,224	35,556	36,063	36,886	33,994	31,383	28,893	32,033	4,449	13,707	12,790	764,059

### **REQUEST:**

Describe in detail how the Company records the effects of bonus depreciation on current income tax expense and deferred income tax expense. For example, if an asset with a tax basis of \$100 enters service on April 1, 2018 and bonus depreciation is 40%, then does the current income tax expense for April 2018 reflect a deduction of \$40 and does deferred income tax expense reflect a temporary difference of \$40, all else equal, or is there some allocation to the months during the calendar year?

### **RESPONSE:**

Accelerated tax depreciation (including bonus depreciation) has an equal and offsetting effect on current and deferred income tax expense. Assuming a tax rate of 35%, and bonus depreciation of 40% on a \$100 asset, the impact to current tax expense would be \$14 of negative expense (\$100 x 40% x 35%), the impact to deferred tax expense would be \$14 of positive expense, with a net expense of \$0. When calculating the tax provision, the company estimates total tax depreciation (including bonus) for the year and spreads the impact evenly throughout the year. If the estimate of tax depreciation differs from the actual amount included on the tax return; amounts are trued up upon filing the tax return in the year in which the tax return is filed.

### PERSON RESPONSIBLE: Lisa M. Bellucci

1

# **REQUEST:**

Provide the Section 199 deduction for DEK on a standalone basis for each year 2010 through 2016 and projected for 2017. Confirm in your response that the standalone deductions provided in your response are not reduced or eliminated due to the inability of Duke Energy or DEO to take the Section 199 deduction on the consolidated income tax return.

### **RESPONSE:**

Year	Amount
2010	\$ 3,600,240
2011	\$ 1,993,209
2012	\$ 647,983
2013	\$ 4,468,342
2014	\$ 258,195
2015	\$ -
2016	\$ -
2017 projection	\$ -

DEK Standalone Section 199 deduction

The standalone deduction was eliminated in all years on Duke Energy's consolidated income tax return.

# **REQUEST:**

Indicate whether DEK is a C corporation for federal income tax purposes. If not, then describe DEK's entity status for federal income tax purposes.

# **RESPONSE:**

Duke Energy Kentucky is a C corporation for federal income tax purposes. As per tax sharing agreement, Duke Energy and its members (DEK, DEO) file a US consolidated federal income tax return as a common parent.

# **REQUEST:**

Indicate whether DEO is a C corporation for federal income tax purposes. If not, then describe DEO's entity status for federal income tax purposes.

# **RESPONSE:**

DEO is a C corporation for federal income tax purposes. As per tax sharing agreement, Duke Energy and its members (DEK, DEO) file a US consolidated federal income tax return as a common parent.

Duke Energy Kentucky Case No. 2017-00321 Attorney General's First Set Data Requests Date Received: October 27, 2017

# AG-DR-01-054 PUBLIC

# **REQUEST:**

Provide a copy of DEK's 2015 and 2016 federal income tax returns.

# **RESPONSE:**

# CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachments Only)

See "AG-DR-01-054 Confidential Attachment 1" for DEK's 2015 federal income tax return. See "AG-DR-01-054 Confidential Attachment 2" for DEK's 2016 federal income tax return.

# CONFIDENTIAL PROPRIETARY TRADE SECRET Attachment AG-DR-01-054(1) FILED UNDER SEAL

# CONFIDENTIAL PROPRIETARY TRADE SECRET Attachment AG-DR-01-054(2)

# **FILED UNDER SEAL**

### **REQUEST:**

Provide a copy of DEO's 2015 and 2016 federal income tax returns.

### **RESPONSE:**

Objection. Overbroad and irrelevant. This request is beyond the scope of reasonable discovery and is not likely to lead to the discovery of admissible or relevant evidence. The tax returns of Duke Energy Ohio have no bearing on Duke Energy Kentucky's application. Without waiving said objection, and to the extent discoverable, the Company would agree to make the tax returns of Duke Energy Ohio available for inspection at the Company's offices in Frankfort at a mutually agreeable and reasonable time and date.

# PERSON RESPONSIBLE:

Legal- Objection Lisa M. Bellucci

Duke Energy Kentucky Case No. 2017-00321 Attorney General's First Set Data Requests Date Received: October 27, 2017

### AG-DR-01-056

# **REQUEST:**

Provide a copy of Duke Energy's 2015 and 2016 federal income tax returns.

# **RESPONSE:**

Objection. Overbroad and irrelevant. This request is beyond the scope of reasonable discovery and is not likely to lead to the discovery of admissible or relevant evidence. The tax returns of Duke Energy Corp have no bearing on Duke Energy Kentucky's application. Without waiving said objection, and to the extent discoverable, the Company would agree to make the tax returns of Duke Energy Kentucky available for inspection at the Company's offices in Frankfort at a mutually agreeable and reasonable time and date.

### **PERSON RESPONSIBLE:**

.

Legal- Objection Lisa Bellucci

### **REQUEST:**

Provide a copy of Duke Energy, DEO, and DEK's income tax allocation agreement(s).

### **RESPONSE:**

See "AG-DR-01-057 Attachment" for Duke Energy's 4th Amended Tax Sharing Agreement. This agreement is currently being followed by all members of the Duke Energy Corporation consolidated group, including DEO, DEK, and other members of Duke Energy Corporations consolidated group. Note however, that while we have received interim approval from the NCUC to implement this agreement following the acquisition of Piedmont Natural Gas, Inc., we are prohibited from having members of the consolidated group execute the agreement until the NCUC gives final approval of the agreement. The primary changes reflected in the 4th amended TSA are to reflect new members of the DEC consolidated group as a result of the PNG acquisition, and changes in what members of the DEC affiliated group are now members to the agreement as a result of corporate changes that had occurred since the 3rd amended TSA went into effect following the acquisition of Progress Energy, Inc. and its consolidated group in 2013.

# PERSON RESPONSIBLE: Lisa M. Bellucci

1

# DUKE ENERGY CORPORATION AND CONSENTING MEMBERS OF ITS CONSOLIDATED GROUP

# FOURTH AMENDED AGREEMENT FOR FILING CONSOLIDATED INCOME TAX RETURNS AND FOR ALLOCATION OF CONSOLIDATED INCOME TAX

Duke Energy Corporation, a Delaware corporation ("Duke Energy"), and its Members hereby agree as of January 1, 2016 to join annually in the filing of a consolidated Federal income tax return and to allocate the consolidated Federal income tax liabilities and benefits among the Members of the Consolidated Group in accordance with the provisions of this Agreement ("Agreement"). This Fourth Amended Agreement supersedes and replaces in its entirety the Third Amended Agreement for Filing Consolidated Income Tax Returns and for Allocation of Consolidated Income and Tax Liabilities and Benefits dated July 2, 2012, to clarify certain terms and reflect changes in parties to the agreement.

# 1. <u>DEFINITIONS</u>

"<u>Affiliate</u>" means a corporation, or a company that is treated as a corporation or a company wholly owned by an entity treated as a corporation that is disregarded for purposes of U.S. federal income taxation, other than the common parent which is a Member of the Affiliated Group.

"<u>Affiliated Group</u>" means a group of corporations, or companies that are treated as corporations or disregarded for purposes of U.S. federal income taxation, as defined in Internal Revenue Code<sup>1</sup> section 1504 and the regulations enacted thereunder.

"<u>Consolidated Group</u>" means a group filing (or required to file) consolidated returns for the tax year.

"<u>Consolidated tax</u>" is the aggregate current Federal income tax liability for the Consolidated Group for a tax year shown on the consolidated Federal income tax return, including any adjustments thereto, or as described in section 5 hereof.

"<u>Corporate taxable income</u>" is the positive taxable income of an Affiliate for a tax year, computed as though such company had filed a separate return on the same basis as used in the consolidated return, except that dividend income from Affiliates shall be disregarded, and other intercompany transactions, eliminated in consolidation, shall be given appropriate effect.

<sup>&</sup>lt;sup>1</sup> All references to the "Internal Revenue Code" or "IRC" are to the Internal Revenue Code of 1986, as amended.

"<u>Corporate taxable loss</u>" is the taxable loss of an Affiliate for a tax year, computed as though such entity had filed a Separate return on the same basis as used in the consolidated return, except that dividend income from Affiliates shall be disregarded, and other intercompany transactions, eliminated in consolidation, shall be given appropriate effect.

"<u>Corporate tax credit</u>" is a negative separate regular tax of an Affiliate for a tax year, equal to the amount by which the consolidated regular tax is reduced by including the Corporate taxable loss of such Affiliate in the consolidated tax return.

"Group" means a group of Affiliates as defined in IRC section 1504.

"<u>Separate return</u>" is the tax liability calculated on the taxable income or loss of an Affiliate as though such entity were not a Member of a Consolidated Group.

"<u>Member</u>" is an Affiliate, including any Regulated Business as indicated in section 3 herein, which is part of the Affiliated Group as defined in IRC section 1504 that files consolidated tax returns and agrees to be subject to this Agreement.

These definitions shall apply, as appropriate, in the context of the regular income tax and the Alternative Minimum Tax ("AMT") unless otherwise indicated in the Agreement.

# 2. <u>FILING OF RETURNS</u>

A U.S. consolidated federal income tax return shall be filed by Duke Energy as the common parent for the tax year ended December 31, 2016, and for each subsequent taxable period for which the Affiliated Group is required or permitted to do so. Each Member of the Affiliated Group consents to the filing by Duke Energy of consolidated federal income tax returns for all taxable periods in which it is eligible to be a member of the Affiliated Group. Duke Energy and each Member of the Affiliated Group agrees to execute and file such consents, elections and other documents, and to take such other action as may be necessary, required or appropriate for the proper filing of such returns. Duke Energy will timely pay the Affiliated Group's federal income tax liability for each taxable year.

# 3. REGULATED BUSINESSES OPERATING IN LLC OR LP FORM

For purposes of allocating the consolidated federal and state tax liabilities and tax benefits under this Agreement, each business operating as a LLC, or LP that is subject to the rules and regulations of the Federal Energy Regulatory Commission or state utilities commissions (hereinafter, a "Regulated Business") shall be considered a Member of the Consolidated Group, and shall be responsible for tax due on its allocable share of taxable income (or shall be entitled to a credit for its allocable share of tax loss), as set forth in Sections 4 through 7 hereof. For purposes of this Agreement, the determination of a Regulated Business's allocable share shall be made (i) as if such Regulated Business was a taxable or regarded entity for U.S. federal income tax purposes and (ii) utilizing the separate "taxable income" method.

# 4. <u>ALLOCATION PROCEDURES FOR CONSOLIDATED FEDERAL INCOME</u> <u>TAXES</u>

For all taxable periods, Duke Energy shall calculate the consolidated federal income tax liability (including, if applicable, alternative minimum tax liability) of the Affiliated Group for the period. The Members agree that their respective shares of the Consolidated tax liability for each year shall be an amount equal to the amount determined under the taxable income method in accordance with IRC section  $1552(a)(1)^1$ , with the absorption of tax benefits determined under the percentage method in accordance with Treas. Reg. section  $1.1502-33(d)(3)^2$ , using 100% as the applicable percentage for allocation of any excess of a member's Separate return liability over that determined under the income method. To the extent that the Consolidated Group federal income tax liability is reduced by a loss or tax credit available to it as a result of the inclusion of a Member in the consolidated federal income tax return, Duke Energy shall make a payment or an inter-company account adjustment for the amount of the benefit to the Member as determined in accordance with this section.

To illustrate the above, the Consolidated tax liability shall be allocated among the Members of the Group utilizing the separate return "taxable income" allocation method attributable to each Member, in the following manner:

a) Each Member, which has a Corporate taxable loss, will be entitled to a Corporate payment or intercompany credit equal to the amount by which the consolidated regular income tax is reduced by including the corporate tax loss of such Member in the consolidated tax return.

<sup>&</sup>lt;sup>1</sup> Under IRC section 1552(a)(1), tax liability is apportioned to each member of the group in accordance with the ratio of the consolidated taxable income attributable to each member bears to the consolidated taxable income .

<sup>&</sup>lt;sup>2</sup> The percentage method under this regulation "allocates tax liability based on the absorption of tax attributes, without taking into account the ability of any member to subsequently absorb its own tax attributes. The allocation under this method is in addition to the allocation under section 1552."

The Members having corporate taxable income will be allocated an amount of regular income tax liability equal to the sum of the consolidated regular tax liability and the Corporate tax credits allocated to the Members having corporate tax losses based on the ratio that each such Member's Corporate taxable income bears to the total corporate taxable income of all Members having Corporate taxable income.

If the aggregate of the Members' Corporate taxable losses are not entirely utilized on the current year's consolidated return, the consolidated carryback or carryforward of such losses to the applicable taxable year(s) will be allocated to each Member having a Corporate taxable loss in the ratio that such Member's separate Corporate tax loss bears to the total corporate tax losses of all Members having Corporate taxable losses.

- b) The consolidated AMT will be allocated among the Members in accordance with the procedures and principles set forth in Proposed Treasury Regulation section 1.1502-55 in the form such Regulation existed on the date on which this Agreement was executed.
- c) Tax benefits such as general business credits, foreign tax benefits, or other tax credits shall be apportioned directly to those Members whose investments or contributions generated the credit or benefit.

If the credit or benefit cannot be entirely utilized to offset current Consolidated tax, the consolidated credit carryback or carryforward shall be apportioned to those Members whose investments or contributions generated the credit or benefit in proportion to the relative amounts of credits or benefits generated by each Member.

d) If the amount of Consolidated tax allocated to any Member under this Agreement, as determined above, exceeds the separate return tax of such Member, such excess shall be reallocated among those Members whose allocated tax liability is less than the amount of their respective separate return tax liabilities. The reallocation shall be proportionate to the respective reductions in separate return tax liability of such Members. Any remaining unallocated tax liability shall be assigned to Duke Energy. The term "tax" and "tax liability" used in the subsection shall include regular tax and AMT.

# 5. TAX PAYMENTS AND COLLECTIONS FOR ALLOCATIONS

Duke Energy shall make any calculations on behalf of the Members necessary to comply with the estimated tax provisions of the Internal Revenue Code of 1986 as amended. Based on such calculations, Duke Energy shall charge or refund to the Members appropriate amounts at intervals consistent with the dates indicated by IRC section 6655. Duke Energy shall be responsible for paying to the Internal Revenue Service the consolidated current Federal income tax liability.

After filing the consolidated Federal income tax return and allocating the Consolidated tax liability among the Members, Duke Energy and the Members agree to settle between them the difference, if any, between the allocable federal income tax liability as determined under this Agreement and the sum of all payments or inter-company adjustments previously made relating to that tax year no later than ninety (90) days after the filing of the consolidated Federal income tax return.

# 6. ALLOCATION OF STATE TAX LIABILITIES OR BENEFITS

State and local income tax liabilities will be allocated, where appropriate, among Members in accordance with principles similar to those employed in the Agreement for the allocation of consolidated Federal income tax liability.

# 7. TAX RETURN ADJUSTMENTS

In the event the consolidated tax return is subsequently adjusted by the Internal Revenue Service, state tax authorities, amended returns, claims for refund, or otherwise, such adjustments shall be reflected in the same manner as though they had formed part of the original consolidated return. Interest paid or received, and penalties imposed on account of any adjustment will be allocated to the responsible Member.

# 8. <u>NEW MEMBERS</u>

If, at any time, a corporation becomes a Member of the affiliated group, the parties hereto agree that such new Member shall become a party to this Agreement and execute a duplicate copy of this Agreement. Unless otherwise specified, such new Member shall have similar rights and obligations of all other Members under this Agreement, effective as of the day they become a member of the Affiliated Group that elects to file a consolidated return.

# 9. MEMBERS LEAVING THE AFFILIATED GROUP

In the event that any Member of the Affiliated Group at any time leaves the Group and, under any applicable statutory provision or regulation, that Member is assigned and is deemed to take with it all or a portion of any of the tax attributes (including, but not limited to, net operating losses, credit carryforwards, and Minimum Tax Credit carryforwards) of the Affiliated Group, then, to the extent the amount of the attributes so assigned differs from the amount of such attributes previously allocated to such Member under this Agreement, the leaving Member shall appropriately settle with the Group. Such settlement shall consist of payment on a dollar-for-dollar basis for all differences in credits and, in the case of net operating loss differences, in an amount computed by reference to the highest marginal

corporate tax rate. The settlement amounts shall be allocated among the remaining Members of the Group in proportion to the relative level of attributes possessed by each Member and the attributes of each Member shall be adjusted accordingly.

# 10. SUCCESSORS, ASSIGNS

The provisions and terms of the Agreement shall be binding on and inure to the benefit of any successor or assignee by reason of merger, acquisition of assets, or otherwise, of any of the Members hereto.

# 11. AMENDMENTS AND TERMINATION

This Agreement may be amended at any time by the written agreement of the parties hereto at the date of such amendment and may be terminated at any time by the written consent of all such parties.

# 12. <u>GOVERNING LAW</u>

This Agreement is made under the law of the State of Delaware, which law shall be controlling in all matters relating to the interpretation, construction, or enforcement hereof.

# 13. EFFECTIVE DATE

This Agreement is effective for the allocation of the current Federal income tax liabilities of the Members for the consolidated tax year 2016 and all subsequent years until this Agreement is revised in writing.

The above procedure for apportioning the consolidated annual net current federal and state tax liabilities and tax benefits of Duke Energy and consenting Members of its Consolidated Group have been agreed to by each of the below listed Members of the Consolidated Group as evidenced by the signature of an officer of each entity. IN WITNESS WHEREOF, each of the parties hereto has caused this Agreement to be executed on its behalf by an appropriate officer thereunto duly authorized.

# DUKE ENERGY CORPORATION

By:

Nancy M. Wright Assistant Corporate Secretary

CINERGY CORP.

By:

Nancy M. Wright Assistant Corporate Secretary

DUKE ENERGY BUSINESS SERVICES LLC

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

DUKE ENERGY OHIO, INC.

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

DUKE ENERGY INDIANA, LLC

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

SOUTH CONSTRUCTION COMPANY, INC.

By:\_

Nancy M. Wright Assistant Corporate Secretary

DUKE ENERGY KENTUCKY, INC.

By:\_

KyPSC Case No. 2017-00321 AG-DR-01-057 Attachment Page 8 of 17

# DUKE ENERGY CAROLINAS, LLC

By:

Nancy M. Wright Assistant Corporate Secretary

MIAMI POWER CORPORATION

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

TRI-STATE IMPROVEMENT COMPANY

By:

Nancy M. Wright Assistant Corporate Secretary

KO TRANSMISSION COMPANY

By: Nancy M. Wright Assistant Corporate Secretary

CINERGY TECHNOLOGY, INC.

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

DUKE ENERGY COMMERCIAL ENTERPRISES, INC.

By:\_

Nancy M. Wright Assistant Corporate Secretary

CINERGY GLOBAL POWER, INC.

By:\_

Nancy M. Wright Assistant Corporate Secretary

CINERGY GLOBAL RESOURCES, INC.

By:\_

DUKE TECHNOLOGIES, INC.

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

DE NUCLEAR ENGINEERING, INC.

By: Nancy M. Wright

Assistant Corporate Secretary

DETMI MANAGEMENT, INC.

Ву:\_\_\_\_

Nancy M. Wright Assistant Corporate Secretary

DUKE ENERGY MARKETING AMERICA, LLC

By:\_

Nancy M. Wright Assistant Corporate Secretary

# DUKE ENERGY REGISTRATION SERVICES, INC.

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

DUKE ENERGY SERVICES, INC.

By:\_

Nancy M. Wright Assistant Corporate Secretary

DUKENET VENTURECO, INC.

By:\_

Nancy M. Wright Assistant Corporate Secretary

EASTOVER MINING COMPANY

By:\_

# DUKE ENERGY CHINA CORP.

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

DUKE ENERGY CORPORATE SERVICES, INC.

By:\_

Nancy M. Wright Assistant Corporate Secretary

PROGRESS ENERGY, INC.

By:\_\_\_\_

Nancy M. Wright Assistant Corporate Secretary

DUKE ENERGY PROGRESS, LLC

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

# DUKE ENERGY FLORIDA, LLC

By:\_\_\_

Nancy M. Wright Assistant Corporate Secretary

CAROFUND, INC.

By:\_

Nancy M. Wright Assistant Corporate Secretary

CAPITAN CORPORATION

By:\_\_\_

Nancy M. Wright Assistant Corporate Secretary

# PROGRESS ENERGY ENVIROTREE, INC.

By:\_
# STRATEGIC RESOURCE SOLUTIONS CORP.

By:

Nancy M. Wright Assistant Corporate Secretary

# FLORIDA PROGRESS FUNDING CORPORATION

By:\_\_\_\_\_ Nancy M. Wright Assistant Corporate Secretary

PROGRESS CAPITAL HOLDINGS, INC.

By:\_\_\_\_\_

Nancy M. Wright Assistant Corporate Secretary

PIH, INC.

By:\_\_\_\_

Nancy M. Wright Assistant Corporate Secretary

PIH TAX CREDIT FUND III, INC.

By:

Nancy M. Wright Assistant Corporate Secretary

PIH TAX CREDIT FUND IV, INC.

By:\_

Nancy M. Wright Assistant Corporate Secretary

PIH TAX CREDIT FUND V, INC.

By:\_

Nancy M. Wright Assistant Corporate Secretary

### PROGRESS TELECOMMUNICATIONS CORPORATION

By:\_\_

### PROGRESS FUELS CORPORATION

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

PROGRESS SYNFUEL HOLDINGS, INC.

By:\_

Nancy M. Wright Assistant Corporate Secretary

DUKE ENERGY RENEWABLES, INC.

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

DUKE-CADENCE, INC.

By:\_

Nancy M. Wright Assistant Corporate Secretary

### CINERGY-CENTRUS COMMUNICATIONS, INC.

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

CINERGY-CENTRUS, INC.

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

CINERGY GLOBAL HOLDINGS, INC.

By:\_

Nancy M. Wright Assistant Corporate Secretary

DEGS OF TUSCOLA, INC.

By:\_

# DUKE ENERGY ONE, INC.

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

DUKE-RELIANT RESOURCES, INC.

By:\_\_\_\_\_ Nancy M. Wright Assistant Corporate Secretary

DUKE ENERGY GENERATION SERVICES, INC.

By:

Nancy M. Wright Assistant Corporate Secretary

CINERGY CLIMATE CHANGE INVESTMENTS, LLC

By:\_

Nancy M. Wright Assistant Corporate Secretary

# CINERGY SOLUTIONS - UTILITY, INC.

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

# CALDWELL POWER COMPANY

By:\_

Nancy M. Wright Assistant Corporate Secretary

CATAWBA MANUFACTURING AND ELECTRIC POWER COMPANY

By:\_

Nancy M. Wright Assistant Corporate Secretary

### CLAIBORNE ENERGY SERVICES, INC.

By:\_

### DIXILYN-FIELD DRILLING COMPANY

By:

Nancy M. Wright Assistant Corporate Secretary

DUKE ENERGY MARKETING CORP.

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

EASTOVER LAND COMPANY

By:

Nancy M. Wright Assistant Corporate Secretary

ENERGY PIPELINES INTERNATIONAL COMPANY

By:

Nancy M. Wright Assistant Corporate Secretary

# GREENVILLE GAS AND ELECTRIC LIGHT AND POWER COMPANY

By:

Nancy M. Wright Assistant Corporate Secretary

## SOUTHERN POWER COMPANY

By:\_\_\_

Nancy M. Wright Assistant Corporate Secretary

WESTERN CAROLINA POWER COMPANY

By:\_

Nancy M. Wright Assistant Corporate Secretary

WATEREE POWER COMPANY

By:\_

# DUKE ENERGY TRANSMISSION HOLDING COMPANY, LLC

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

# CATAMOUNT ENERGY CORPORATION

By: Nancy M. Wright Assistant Corporate Secretary

CATAMOUNT RUMFORD CORPORATION

By:\_\_\_\_

Nancy M. Wright Assistant Corporate Secretary

# CATAMOUNT SWEETWATER CORPORATION

By:

Nancy M. Wright Assistant Corporate Secretary

# CEC UK1 HOLDING CORP.

By:

Nancy M. Wright Assistant Corporate Secretary

CEC UK2 HOLDING CORP.

By:\_\_\_\_\_

Nancy M. Wright Assistant Corporate Secretary

EQUINOX VERMONT CORPORATION

By:\_

Nancy M. Wright Assistant Corporate Secretary

DUKE PROJECT SERVICES, INC.

By:\_

### PANENERGY CORP.

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

BISON INSURANCE COMPANY LIMITED

By: Nancy M. Wright Assistant Corporate Secretary

NORTHSOUTH INSURANCE COMPANY LIMITED

By:

Nancy M. Wright Assistant Corporate Secretary

FOREST SUBSIDIARY, INC.

By:\_\_\_\_\_

Nancy M. Wright Assistant Corporate Secretary

# DUKE ENERGY INTERNATIONAL, LLC

By:

Nancy M. Wright Assistant Corporate Secretary

DUKE ENERGY GLOBAL INVESTMENTS, LLC

By:

Nancy M. Wright Assistant Corporate Secretary

RE SFCITY1, LP (BY ITS PARENT, DUKE ENERGY RENEWABLES, INC.)

By:\_

### **RP-ORLANDO, LLC**

By:\_

Nancy M. Wright Assistant Corporate Secretary

PIEDMONT NATURAL GAS COMPANY, INC.

By:

Nancy M. Wright Assistant Corporate Secretary

PIEDMONT ENERGY PARTNERS, INC.

By:\_

Nancy M. Wright Assistant Corporate Secretary

PIEDMONT ENCNG COMPANY, LLC

By:\_\_\_\_\_

Nancy M. Wright Assistant Corporate Secretary

# PIEDMONT INTERSTATE PIPELINE COMPANY

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

### PIEDMONT INTRASTATE PIPELINE COMPANY

By:\_\_

Nancy M. Wright Assistant Corporate Secretary

## PIEDMONT ENERGY COMPANY

By:\_

Nancy M. Wright Assistant Corporate Secretary

### PIEDMONT CONSTITUTION PIPELINE COMPANY, LLC

By:\_

### Duke Energy Kentucky Case No. 2017-00321 Attorney General's First Set Data Requests Date Received: October 27, 2017

#### AG-DR-01-058

### **REQUEST:**

Refer to the Direct Testimony of Ms. Bellucci at 5, where in she discusses *(sic)* the use of the statutory Kentucky income tax rate instead of the Effective Kentucky income tax rate. Provide the affect *(sic)*, in dollars, that using the effect *(sic)* Kentucky income tax rate rather than the statutory rate would have.

### **RESPONSE:**

The effective tax rate represents actual tax expense based on income adjusted for temporary and permanent differences. The tax expense proposed for the forecasted period is calculated by applying the statutory federal and state tax rates against forecasted income that has been adjusted for projected temporary and permanent differences. Therefore the tax expense proposed in the revenue requirement actually represents taxes calculated using an effective tax rate, which is the same as the "statutory effective tax rate."

### PERSON RESPONSIBLE: Lisa M. Bellucci

AG-DR-01-059

# **REQUEST:**

Refer to WPB-5.1i. Provide a schedule in the same format with the actual inventory amounts for each month January 2015 through November 2016 and June 2017 through the most recent month for which actual information is available.

## **RESPONSE:**

See AG-DR-01-059 Attachment.

PERSON RESPONSIBLE: David L. Doss Jr.

#### DUKE ENERGY KENTUCKY, INC. ELECTRIC DEPARTMENT CASE NO. 2017-00321 FUEL FOR THE BASE PERIOD AND THE FORECASTED PERIOD

1.000.00		Coal	Stocks	Diesel Fuel	Natural Gas	Propane
LINE	MONTH	151100 (1)	151101 (1)	East Bend	Woodsdale	Woodsdale
<u>NO.</u>	MONTH	<u>151130 (A)</u>	<u>151131 (A)</u>	<u>151140 (A)</u>	151660 (A)	<u>151700 (A)</u>
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	\$	\$	\$	\$	\$
1	Base Period			1.100.000		
2	January 2015	15,142,375	5,622,979	1,021,355	2,555,789	994,501
3	February	15,876,025	4,798,168	1,025,882	1,835,879	994,162
4	March	15,433,590	5,003,910	885,190	1,761,231	993,466
5	April	14,207,769	3,003,092	846,897	1,741,831	993,210
6	May	10,526,069	4,203,797	817,515	790,332	992,889
7	June	10,452,372	4,693,955	715,611	519,483	992,546
8	July	9,344,161	3,249,484	797,794	353	992,113
9	August	9,306,102	5,303,055	788,391	8,258	991,738
10	September	10,165,737	5,135,042	732,391	0	991,224
11	October	12,901,653	3,792,570	692,934	0	990,633
12	November	13,422,210	3,856,432	657,712	0	990,277
13	December	11,087,597	5,194,110	568,293	0	989,955
14	January 2016	10,223,486	4,507,825	552,081	0	989,644
15	February	12,253,412	5,802,419	489,174	0	989,434
16	March	14,471,866	984	406,568	0	989,107
17	April	14,511,756	3,262,440	496,946	0	988,644
18	May	13,409,344	4,011,112	195,055	0	988,272
19	June	12,209,122	5,603,847	285,104	0	987,831
20	July	10,353,748	3,710,983	350,914	0	987,217
21	August	11,530,117	3,612,352	357,011	0	949,498
22	September	11,910,294	6,192,717	407,433	0	948,746
23	October	13,072,296	5,053,792	367,198	0	948,268
24	November	14,136,761	4,135,350	390,963	0	947,936
25						
26	June 2017	11,871,698	4,872,626	422,028	0	701,751
27	July	12,858,207	4,475,646	374,848	0	717,397
28	August	12,938,386	4,073,532	514,902	0	717,397
29	September	13,630,826	3,531,267	379,295	0	717,397
			and a start			

(A) Company Records

### AG-DR-01-060

### **REQUEST:**

Refer to WPB-6a and WPB-6b.

- a. Provide another schedule in the same format for the months January 2016 through April 2017.
- b. Provide another schedule in the same format for the months December 2017 through February 2018.
- c. Provide the ADIT in account 190 temporary difference for each month January 2016 through March 2019.

# **RESPONSE:**

- a. See "AG-DR-01-060(a) Attachment"
- b. See "AG-DR-01-060(b) Attachment"
- c. See "AG-DR-01-060(c) Attachment"

### PERSON RESPONSIBLE: Lisa M. Bellucci

### KyPSC Case No. 2017-00321 AG-DR-01-060(a) Attachment Page 1 of 1

#### DUKE ENERGY KENTUCKY, INC CASE NO 2017-00XXX CERTAIN DEFERRED CREDITS AND ACCUMULATED DEFERRED INCOME TAXES DATA "X" BASE PERIOD END OF MONTH BALANCES

E)	NUMBER	DESCRIPTION	JANUARY 2016	FEBRUARY 2016	MARCH 2016	APRIL 2018	MAY 2016	JUNE 2016	JULY 2016	AUGUST 2016	SEPTEMBER 2016	OCTOBER 2016	NOVEMBER 2016	DECEMBER 2016	JANUARY 2017	FEBRUARY 2017	MARCH 2017	APRIL 2017
(	GAS	a visite bases		and the	- Aller	1.1.00	2 (Sector)		and the second	Average				a company	and she	Sec. al	100	- 1. A.
	252050	Customers' Advances for Construction	(979.982)	(978,709)	(978,709)	(978.709)	(1.073,087)	(1,073,087)	(1,261,820)	(1.425,095)	(1.429,120)	(1,429,120)	(1,434,379)	(1.434,379)	(1.463,490)	(1,463,490)	(1,477,813)	11,477,81
	255	Investment Tax Credits	2	0				0										
		3% Credit 4% Credit	0	(14.475)	and a second	0	(14,118)		D	0	0	0	0	0	0	0	0	
		4% Credit 10% Credit	(14,714)		(14,355)	(14,238)	(664 143)	(13.999)	(13,880)	(13,761)	(13,642)	(13.522)	(13,403)	(13,284)	(13,284)	(13.050)	(12,934)	(12.93
		30% Credit	(692.175)	(680,913)	(675,283)	(669 748)	(804.143)	(658,536)	(652,929)	(647.323)	(641,716)	(636,110)	(630,504)	(624.897)	(624,897)	(613,906)	(608,409)	(608,40
		Total Investment Tax Credits	(706 889)	(695.388)	(689.638)	(683.986)	(678 261)	(672,535)	(666 809)	(661.084)	(655,358)	(649 632)	(643,907)	(638,181)	(638,181)	(626,956)	(621,343)	(621,34
		Total investment Tax Credits	(100,003)	(035,500)	(000,000)	(003,000)	(0/0,201)	(01,2,200)	(000,003)	(001,004)	(000,000)	(045,052)	(045,507)	(050,101)	(030,101)	(020,000)	[021,343]	1021,04
		Accumulated Deferred Income Taxes																
	190	Total Account 190	(675.253)	856 736	165.634	1 261 474	882 818	53 010	777 651	652.917	(118 122)	932,671	1.840.781	922 808	922 808	3,397 230	2.869.148	2.869.1
	130	Total Account Too	(ursteau)	0.001.00	100,004	1.251/1474	002,010	23.010	111 931	1992.011	Tim itel	0.42,011	1.DAG/FDT	-742,400	322.000	3,301,230	2,003,140	2,009,11
	282	Account 282 - Other	(48,182,996)	(48, 176, 013)	(48.178.311)	(12 545 915)	(12,543,466)	(12,545,008)	(12.456.211)	(12.451.046)	(12,530,848)	(12,590,481)	(12,753,534)	(13,153 319)	(13,153,319)	113,130.0151	(13.057,878)	(13 057 8
	282	Liberalized Depreciation	(28.062.038)	(25.874,036)	(29,281,832)	(65.316.784)	(65,709,910)	(60.111.359)	(60,732,685)	(67,852,957)	(62 112,643)	(61,714 301)	(61,382,657)	(61,030,466)	(61.030.466)	(60 587 905)	(63,081,716)	(63,051.7
	283	Total Account 283	(2.590,484)	(2,556,856)	(2,555,042)	(2,543,228)	12 531 4131	(2.519,599)	(2.614.151)	(2,571,392)	(2.697,931)	(2,892,845)	(2.925.169)	(3,420,773)	13.420,7731	(3 395 333)	(3,384,114)	13.384.11
	283	Unrecovered Purchased Gas Cost	(30,915)	(1,262,887)	(30,915)	(1.142,870)	(917.040)	(30,915)	(943, 190)	(978,364)	(38,725)	(1,148,582)	(1,900,740)	(38,725)	(38,725)	(935.779)	(505, 592)	(506,8)
		Total Deferred Income Taxes	(79,541,686)	(80,023,056)	(79,859,466)	(80,287,323)	(80,819,011)	(81,153,871)	(75,968,786)	(83,190,842)	(77,499,269)	(77,413,541)	(77, 121, 319)	(76,720,475)	(76,720,475)	(74,652,805)	(77,161,452)	(77,161,4
	ELECTRIC																	
	252	Customers' Advances for Construction	Ď	0	0	0	Ø	0	0	0	. 0	0	0	0	0	Ū.	0	
	255	Investment Tax Credits																
		3% Credit	0	a	0	0	D	0	0	0	0	0	0	0	0	0	0	
		4% Credit	0	0	D	U	0	0	D	0	0	0	0	0	0	0	0	
		10% Credit	(45.070)	(41,528)	(39,757)	(37,924)	(36.138)	(34,351)	(32,564)	(30,778)	(28,991)	(27,205)	(25,418)	(23,632)	(23.632)	(21.784)	(20,859)	(20,65
		30% Credit	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	
		Total Investment Tax Credits	(45,070)	(41,528)	(39,757)	(37,924)	(36,138)	(34,351)	(32,564)	(30,778)	(28,991)	(27,205)	(25,418)	(23,632)	(23,632)	(21,784)	(20,859)	(20,85
		A CONTRACT OF A																
	190	Accumulated Deferred Income Taxes Total Account 190	1 152 375	1,529,332	99,398	(158,296)	(129.242)	224,017	414,449	3 826,761	4,322,042	4,244,926	4.091,747	5.341.981	8.341.981	9.019.775	9,411,309	9.411.3
	281	Total Account 281	(190.426)	(190.426)	(190,426)	(190,426)	(129.242)	(190.426)	(190.426)	(190.426)	(190.425)	(190,426)	(190,426)	(190,426)	(190,426)	(190,426)	1190.4261	(190,4)
	282	Account 282 - Other	124.036.1861	(125,995,187)	(126 974 960)	(127,539,662)	(75,389,142)	(77.663.531)	(74 228.083)	(75.053.918)	(76,124,925)	(76.983.917)	(75 551.840)	(76.642.999)	(75,642,999)	(78,250,140)	(76 825,889)	178.825.8
	282	Liberalized Depreciation	(20,409,009)	(21,968,503)	(22,745,200)	(23 518 126)	(77.441.020)	178,211,196)	(87,585,877)	(82,222,718)	(89.463.686)	(90,523,886)	(91,956,799)	(93,507,790)	(93 507,790)	(99,264,150)	(99, 358, 365)	(99,358,3
	283	Total Account 283	(5.344.623)	(6,052,994)	(6.378 740)	(8 142 668)	(8 384 551)	(8 297,842)	(8 557 406)	(12 693,259)	(12.973.058)	(13 068 685)	(12.005.624)	(14.076.445)	(14.076.445)	115,226,625)	(15,599,138)	(15.599.1)
		Total Deferred Income Taxes	(148,827,869)	(152,677,778)	(156,190,948)	(159,649,178)	(161,534,381)	(164,138,978)	(170,127,348)	(166,333,560)	(174,430,053)	(176,521,968)	(175,712,942)	(176.075.679)	(175,075,679)	(183,111,763)	(184,562,509)	(184,562,50
													- the first of the					
1.1	NON-UTILITY																	
	255	Investment Tax Credits																
		3% Credit	0	0	Q	D	Q	D	0	0	D	D	0	0	0	0	0	
		4% Credit	0	0	0	8	0	ō	0	0	a	0	D	0	0	0	D	7.54
		10% Credit	(134,614)	(116,101)	(106,844)	(97.587)	(85,331)	(79,074)	(69.817)	(60,561)	(51,304)	(42,047)	(32,791)	(23,534)	(23,534)	(5,021)	(17,650)	(17,6)
		Total Investment Tax Credits	(134,614)	(116,101)	(106,844)	(97,587)	(88,331)	(79,074)	(69,817)	(60,551)	(51,304)	(42,047)	(32,791)	(23,534)	(23,534)	(5,021)	(17,650)	(17,6
		A second s																
	100	Accumulated Deferred Income Taxes	2.016 000	4 7710 2010	202 055	873.034	500 80A	1010 301	+ 0.00 +000	A print all a	1.000 1000	-	1000 101	2 004 240	T ODA THE		(no door	-
	190 282	Total Account 190	3,015,823	1,778,683	292,255	572,621	569,862 (1,023,198)	1,912,361 (2,239,591)	1,909,423 (2,247,169)	1,906,464	1(586,472)	1,941,153	1,936,193	2,004,248 (2,390,235)	2,004,246 (2,390,235)	171,654	(96,624)	(95.6
	282	Account 282 - Other Liberalized Depreciation	20 219,421	(78,346,534) 20,553 267	(78,354,877) 20,720,190	(78 369 304) 20,867,113	(56,294,664)	(2,239,591) (56,127,741)	(55,324,063)	(54,485,909)	(54 235 082)	(2,349,748) (53,984,255)	(53.733.428)	(2,390,235) (53,482,601)	(2,390,235) (53,482,601)	(2,437,037) (52,980,947)	(2,462,263) (52,730,119)	(2,462,2
	282	Total Account 283	(2 395 169)	(1.164.134)	20,720,190	55.348	55.348	49 667	49.667	49.667	402 017	133,649	133 649	48,482,001)	40.727	105, 400, 9411	122.130(119)	(52,730,1
	200	Total Deferred Income Taxes	(57.478.365)	(57,178,718)	(57.287.084)	(56.854.022)	(56 692 652)	(56.405.284)	(55.612.142)	(54 809,886)	(54,576,604)	(54,259,199)	(54,029,560)	(53.827.861)	(53.827.861)	(55,246,930)	(55.289.026)	(55,289,0

#### DUKE ENERGY KENTUCKY, INC. CASE NO. 2017-00XXX CERTAIN DEFERRED CREDITS AND ACCUMULATED DEFERRED INCOME TAXES DATA: "X" BASE PERIOD FORECASTED PERIOD END OF MONTH BALANCES

NO.	ACCOUNT NUMBER	DESCRIPTION	DECEMBER 2017	JANUARY 2018	FEBRUARY 2018
1	GAS				
2	252050	Customers' Advances for Construction	(1,492,412)	(1,492,412)	(1,492,412
4	255	Investment Tax Credits:			
5		3% Credit	U	0	0
6		4% Credit	(9,881)	(9,605)	(9.329
7		10% Credit	(560,947)	(555,547)	(550.147
8		30% Credit	0.	0	0
9		Total Investment Tax Credits	(570,828)	(565, 152)	(559,476
10					
11		Accumulated Deferred Income Taxes			
12	190	Total Account 190	2,369,964	2,326,258	2,282.553
13	282	Account 282 - Other	(12,905,292)	(12.897.273)	(12.889.254
14	282	Liberalized Depreciation	(68,832,383)	(69,368,015)	(69.903.646
15	283	Total Account 283	(3,429,612)	(3,509,226)	(3,588,839
16	283	Unrecovered Purchased Gas Cost	(38,725)	(38.725)	(38,725
17		Total Deferred Income Taxes	(82,836,049)	(83,486,980)	(84,137,912
18					
19	ELECTRIC				
20	252	Customers' Advances for Construction	Ó	0	0
21					
22	255	Investment Tax Credits			
23		3% Credit	o	0	0
24		4% Credit	0	D	0
25		10% Credit	(12.542)	(11,599)	(10.656
26		30% Credit	(4,350,000)	(4,350,000)	(4,350,000
27		Total Investment Tax Credits	(4,362,542)	(4,361,599)	(4,360,656
28					
29		Accumulated Deferred Income Taxes			
30	190	Total Account 190	9,019,180	8,949,888	8,880,596
31	281	Total Account 281	(190,426)	(190,426)	(190,426
32	282	Account 282 - Other	(87,127,048)	(88,311,318)	(89,495,588
33	282 283	Liberalized Depreciation Total Account 283	(117,160,068)	(119,209,076)	(121,258,084
34 35	283	Total Deferred Income Taxes	(20.821.852) (216.280.215)	(20,849,750) (219,610,682)	(20,877.648
36		Total Deletted income Taxes	(210,200,213)	(213,010,002)	(222,341,143
37 38	NON-UTILITY				
39	255	Investment Tax Credits:			
40	200	3% Credit	O	0	0
41		4% Credit	Q	0	0
42		10% Credit	0	0	0
43		Total Investment Tax Credits	0	0	0
44					
45		Accumulated Deferred Income Taxes			
46	190	Total Account 190	(106,677)	(106,982)	(107,286
47	282	Account 282 - Other	(2.371.571)	(2.403.042)	(2,434,514
48	282	Liberalized Depreciation	(50,122,992)	(49.856,651)	(49,590,310
49	283	Total Account 283	0	0	0
50		Total Deferred Income Taxes	(52,601,240)	(52,366,675)	(52,132,111

KyPSC Case No. 2017-00321 AG-DR-01-060(b) Attachment Page 1 of 1

KyPSC Case No. 2017-00321 AG-DR-01-060(c) Attachment Page 1 of 1

DUKE ENERGY KENTUCKY, INC CASE NO. 2017-00/XX CERTINAI DEFERRED CREDITS AND ACCUMULATED DEFERRED INCOME TAXES DATA 'X: BASE PERIOD CRECASTED PERIOD END OF MONTH BALANCES

NE ACCO		JANUARY 2016	FEBRUARY 2016	MARCH 2016	APRIL 2015	MAY 2016	JUNE 2016	3ULY 2016	AUGUST 2016	SEPTEMBER 2016	OCTOBER 2016	NOVEMBER 2016	DECEMBER 2016	JANUARY 2017	FEBRUARY 3017	MARCH 2017	APRIL 2017	MAY 2017	AUNE 2017	JULY 2017	AUGUST 2017	SEPTEMBER 2017	OCTOBER 2017	NOVEMBER 2017	DECEMBER 2017	JANUARY 2018	FEBRUARY 2018	MARCH 2018
GAS	Cherry Wardson																											
	Accumulated Deferred Income Taxes Acct 190 - Temporary Differences	(675,253)	856,736	186,634	1.261,474	882,815	53,010	777.651	062,917	(119,122)	932,671	1,840,781	922,808	922,808	3,397,230	2.889,148	2.669,148	2,413,669	2,413,669	2.413.669	2,413,669	2,413,669	2,413,669	2,413,669	2,369,964	2,325,258	2,282,553	2,238,84
19	Federal NOL Total Account 190	(675.253)	856.738	186,634	1.201.474	882,818	53,010	777,651	710,539	1119,122)	932,671	1.540,781	922.508	922 BOR	3,397 230	2,8/39,148	2.869.145	2,413,689	2,413,869	2,413,649	2413.009	2,413,669	2,413.895	2.413,669	2,369,964	2,339,258	2 2/2 553	2238.84
ELEC	TRIC																											
19	Accumulated Deferred income Taxes Acct 190 - Temporary Differences Federal NOL Total Account 190	157,000	1.372.332 157,000	(57,602) 157,000 99,300	(315,296) 157,000	(286.242) 157,000 (129,742)	39.673 184,344 224.017	230,105 184,344 414,449	3,732,936 93,825 3,826,761	3,601,189 720,853 4,322,042	3,524,073 720,853 4,244,978	3,370,864 720,853 4 091,747	4,732,666 3,608,315 8,341,981	4,732,666 3,609,315 8,341,581	6,210,463 3,609,315 9,519,778		5,801,994 3,809,315 9,411,309		5,189,258 3,609,315 6,705,673	3.009,315	3.609.315	5,363,197 3,609,315 8,972,512	5,421,177 3,009,315 9,030,402	5,479,156 3,809,215 9,088,471	3,600,315	5,340,573 3,609,315	5.271,281 3.009.315 8.800.590	5,201,98 3,609,31
		111012010	1,000,000		( the second	11000.000										10110400			C. HOLATO			0,070,070				0.000,000		001110
NON-	JTILITY																											
	Accumulated Deferred Income Taxes. Acct 190 - Temporary Differences. Federal NOL	3,015,823	1,778,683	292.255	572.821	569,862 0	1,912.381 D	1,909,423	1,906,464	1,586,472	1,941,153	1,938,193 D	2.004.248	2,004,248	171,854	(96,524)	(96.524)	(99,061) 0	(100,280)	(101.498)	(102.717)	(103.935)	(105.154)	(106.373)	(106,677)	(106,982)	(107,285)	(107,59
19	Total Account 190	1015.823	1.778,683	292,255	572,821	589,862	1,912,381	1,909,423	1,506,464	1,558,472	1,941,153	7.936,193	2,004,245	2,004,248	171.054	1965 5243	(96.624)	(29,051)	(100.250)	(101 495)	(102,717)	(103,935)	(105.154)	1105,3731	(105.677)	(106,982)	(107.286)	/107.59
E ENERGY E NO 2017 TAIN DEFE A BASE P	KENTUCKY, INC 400XX RRED CREDITS AND ACCUMULATED DEFER RROD XF FORECASTED PERIOD INF AVERAGE BLAINCE	RRED INCOME T/	WES	_																							WPB-66 WITNESS RES L M BELLUCC	
KE ENERGY SE NO 2017 RTAIN DEFE TA: BASE P	-00XXX RRED CREDITS AND ACCUMULATED DEFER ERIOD 'X' FORECASTED PERIOD ITH AVERAGE BALANCE	RRED INCOME TA MARCH 2018	APRIL 2018	MAY 2018	JUNE 2018	JULY 2018	AUGUST 2018	SEPTEMBER 2018	OCTOER 2018	NOVEMBER 2016	DECEMBER 2018	JANUARY 2014	FEBRUARY 2018	MARCH 2019	TOTAL	AVERAGE A	ALLOCATED 13 MONTH VERAGE @ 7%							5 65			MITNESS RES	
KE ENERGY SE NO 2017 TAI DEFE TAI BASE P RITEEN MOI NE ACCO IO NUMI	-00XXX RRED CREDITS AND ACCUMULATED DEFER ERIOD 'X' FORECASTED PERIOD ITH AVERAGE BALANCE	MARCH	APRIL												TOTAL	AVERAGE A	13 MONTH										MITNESS RES	
KE ENERGY SE NO 2017 RTAIN DEFE TA: BASE P IRTEEN MOI	00XXX RRED CREDITS AND ACCUMULATED DEFER ENOD 7X FORECASTED PERIOD TH AVERAGE BALANCE UNT LER DESCRIPTION Accumulated Defende Income Tares s Act 100 - Tempotary Differences	MARCH 2018	APRIL 2018	2018	2018	2018	2018	2018	2018	2018	2018	2019	2018	2019	T0TAL 28,037,994	AVERAGE A	13 MONTH										MITNESS RES	
KE ENERGY SE NO 2017 TAI DEFE TAI BASE P RITEEN MOI NE ACCO IO NUMI	AGKXX RRED CREDITS AND ACCUMULATED DEFER DRIDD TX FORECASTED PERIOD ITH AVERAGE BALANCE UNT BER DESCRIPTION Accumulated Deferred Income Tares Acct 190 - Temporary Differences Federal NOL	MARCH 2018 2,238,847 0	APRIL 2018 2.225.168	2018 2,211.488 0	2018 2,197,808 0	2018 2,184,128 0	2018 2,170,449 0	2018 2.156,769 D	2018	2018 2,129,409 0	2018 2,115,729 0	2019 2,102,050	2018	2019 2,074,690 0	28,037,994	AVERAGE A	13 MONTH										MITNESS RES	
KE ENERGY SE NO 2017 RTAIN DEFE TA BASE P RTTEEN MOI NE ACCCO NUMI GAS	JORXXX REPO CREDITS AND ACCUMULATED DEFEI ERIOD 7X FORECASTED PERIOD TH AVERAGE BALANCE UNIT ACCUMULATED DESCRIPTION Accumulated Defend Income Taxes Act 150 - Temperary Differences Federal NOL 7 Total Account 190	MARCH 2018 2,238,847 0	APRIL 2018 2.225.168	2018 2,211.488 0	2018 2,197,808 0	2018 2,184,128 0	2018 2,170,449 0	2018 2.156,769 D	2018	2018 2,129,409 0	2018 2,115,729 0	2019 2,102,050	2018	2019 2,074,690	28,037,994 0	AVERAGE A	13 MONTH										MITNESS RES	
KE ENERGY SE NO 2011 RTAIN DEFE TA BASE P IRTEEN MOI NE ACCCO NUM GAS	000XX  TRED CREDITS AND ACCUMULATED DEFER ERIOD 7: FORECASTED PERIOD TH AVERAGE BALANCE UNIT ACCUMULATED DESCRIPTION ACCUMULATED DESCRIPTION ACCUMULATED DEFENDED Federal NOL. Total Account 190 TREC Accumulated Defended Income Taxes Acct 190 - Temporary Differences Federal NOL.	MARCH 2018 2,238,847 0 2,258,847 5,201,869 3,609,315	APRIL 2018 2.225,168 0 2.225,168 5,195,771	2018 2,211,488 6 2,211,483 5,189,553 3,609,315	2018 2,197,808 0 2,197,808 5,183,335 3,609,315	2018 2,184,128 0 2,154,128 5,177,116 3,609,315	2018 2,170,449 0 2,170,449 5,170,898 3,609,315	2018 2,156,769 5 2,156,769 5,164,680 3,609,315	2018 2,143,089 0 2,143,089 5,158,461 3,609,515	2018 2,129,409 0 2,129,409 5,152,243 3,609,315	2018 2,115,729 0 2,115,729 5,146,025 3,609,315	2019 2,102,050 3,102,050 5,139,807 3,606,315	2018 2.068,370 0 2.068,370 5,133,588 3,609,315	2019 2.074.690 0 2.074.690 5,127.370 3.609.315	28,037,994 0	AVERAGE A 2.156.769 0 2.156.769 5.164.880 3.609.315	13 MONTH										MITNESS RES	
KE EMERGY BE NO 2017 RTAIN DEFE TA BASE PHEN HTEEN MOI HTEEN MOI ON NUM GAS 19 ELEC	000XX  TRED CREDITS AND ACCUMULATED DEFER ERIOD 7: FORECASTED PERIOD TH AVERAGE BALANCE UNIT ACCUMULATED DESCRIPTION ACCUMULATED DESCRIPTION ACCUMULATED DEFENDED Federal NOL. Total Account 190 TREC Accumulated Defended Income Taxes Acct 190 - Temporary Differences Federal NOL.	MARCH 2018 2,238,847 0 2,258,847 5,201,869 3,609,315	APPRIL 2018 2,225,168 0 2,225,168 5,195,771 3,600,315	2018 2,211,488 6 2,211,483 5,189,553 3,609,315	2018 2,197,808 0 2,197,808 5,183,335 3,609,315	2018 2,184,128 0 2,154,128 5,177,116 3,609,315	2018 2,170,449 0 2,170,449 5,170,898 3,609,315	2018 2,156,769 5 2,156,769 5,164,680 3,609,315	2018 2,143,089 0 2,143,089 5,158,461 3,609,515	2018 2,129,409 0 2,129,409 5,152,243 3,609,315	2018 2,115,729 0 2,115,729 5,146,025 3,609,315	2019 2,102,050 3,102,050 5,139,807 3,606,315	2018 2.068,370 0 2.068,370 5,133,588 3,609,315	2019 2.074.690 0 2.074.690 5,127.370 3.609.315	28,037,994 0 28,037,994 67,140,836 46,921,095	AVERAGE A 2.156.769 0 2.156.769 5.164.880 3.609.315	13 MONTH										MITNESS RES	
KE EMERGY BE NO 2017 RTAIN DEFE TA BASE PHEN HTEEN MOI HTEEN MOI ON NUM GAS 19 ELEC	OBCKX     ADD ACCUMULATED DEFEI     ADD ACCUMULATED DEFEI     ADD ACCUMULATED DEFEI     ACCUMULATED     ACCUMULATED DEFEI     ACCUMULATED     ACCUMULATED	MARCH 2018 2,238,847 0 2,258,847 5,201,869 3,609,315	APRIL 2018 2.225,168 0 2.225,168 5.195,771 3.600,3/5 5.605,099	2018 2,211,488 6 2,211,483 5,189,553 3,609,315	2018 2,197,808 0 2,197,808 5,183,335 3,609,315	2018 2,184,128 0 2,154,128 5,177,116 3,609,315	2018 2,170,449 0 2,170,449 5,170,898 3,609,315	2018 2.156,769 0 2.156,769 5.154,680 3.909,315 8,773,925	2018 2,143,089 0 2,143,089 5,158,461 3,609,315 8,767,776	2018 2,129,409 0,129,409 5,152,243 3,609,315 8,761,558	2018 2,115,729 0 2,115,729 5,146,025 3,600,315 5,755,340 (107,5911) 0	2019 2,102,050 3,2102,050 2,102,050 5,139,807 3,605,215 8,749,122	2018 2.068,370 0 2.068,370 5,133,588 3,609,315	2,074,890 0 2,074,890 5,127,370 3,009,315 6,736,685	28,037,994 0 28,037,994 67,140,836 46,921,095	AVERAGE A 2.156.769 0 2.156.769 5.164.880 3.009.315 8.773.995	13 MONTH										MITNESS RES	

#### AG-DR-01-061 PUBLIC

### **REQUEST:**

Provide all work papers and supporting documentation used and relied upon by Dr. Morin in the preparation of his Direct Testimony and exhibits, which have not already been provided. Provide all spreadsheets in Excel format with cell formulas intact.

### **RESPONSE:**

### <u>CONFIDENTIAL PROPRIETARY TRADE SECRET</u> (As to Attachments 4 & 5 Only)

See AG-DR-01-061 Attachments 1 through 3 and AG-DR-01-061 Confidential Attachments 4 through 5 provided electronically on CD due to size. Chapters from Dr. Morin's textbooks are available from the PUR Utility Reports Inc. or Amazon and cannot be reproduced electronically in cyberspace.

PERSON RESPONSIBLE: Dr. Roger Morin

# Attachment AG-DR-01-061(1) PROVIDED ON CD

# Attachment AG-DR-01-061(2) PROVIDED ON CD

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# Attachment AG-DR-01-061(3) PROVIDED ON CD

# CONFIDENTIAL PROPRIETARY TRADE SECRET Attachment AG-DR-01-061(4) FILED UNDER SEAL

**PROVIDED ON CD** 

# CONFIDENTIAL PROPRIETARY TRADE SECRET

# Attachment AG-DR-01-061(5) FILED UNDER SEAL PROVIDED ON CD

Duke Energy Kentucky Case No. 2017-00321 Attorney General's First Set Data Requests Date Received: October 27, 2017

AG-DR-01-062

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### **REQUEST:**

Provide Excel spreadsheet versions of Dr. Morin's exhibits with cell formulas intact.

### **RESPONSE:**

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See response to AG-DR-01-061.

PERSON RESPONSIBLE:

Dr. Roger Morin

### AG-DR-01-063 PUBLIC

### **REQUEST:**

Provide all bond rating agency reports (Standard and Poor's, Moody's, Fitch) on Duke Energy from 2014 through the most recent month in 2017.

### **RESPONSE:**

## CONFIDENTIAL PROPRIETY TRADE SECRET (As to Attachments only)

Please see AG-DR-01-063 CONFIDENTIAL Attachments (a) through (c).

PERSON RESPONSIBLE: John L. Sullivan, III

# CONFIDENTIAL PROPRIETARY TRADE SECRET Attachment AG-DR-01-063(a) FILED UNDER SEAL

# CONFIDENTIAL PROPRIETARY TRADE SECRET Attachment AG-DR-01-063(b)

# FILED UNDER SEAL

# CONFIDENTIAL PROPRIETARY TRADE SECRET Attachment AG-DR-01-063(c) FILED UNDER SEAL

### Duke Energy Kentucky Case No. 2017-00321 Attorney General's First Set Data Requests Date Received: October 27, 2017

AG-DR-01-064

# **REQUEST:**

Provide copies of all articles and publications cited by Dr. Morin in his Direct Testimony.

### **RESPONSE:**

See AG-DR-01-064 Attachments 1 through 3 provided electronically on CD due to size.

Chapters from Dr. Morin's textbooks are available from the publisher PUR Utility Reports Inc. or Amazon and cannot be reproduced electronically in cyberspace. The Duff & Phelps Valuation Yearbook is proprietary and cannot be disseminated without violating copyright laws.

PERSON RESPONSIBLE: Dr. Roger Morin

# Attachment AG-DR-01-064 (1 THROUGH 3) PROVIDED ON CD

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### Duke Energy Kentucky Case No. 2017-00321 Attorney General's First Set Data Requests Date Received: October 27, 2017

### AG-DR-01-065

#### **REQUEST:**

On page 5, line 1 of his Direct Testimony Dr. Morin testified that his recommended ROE range is required for Duke Energy Kentucky to "maintain its financial integrity". Please provide all analyses and quantifications that support this statement. Please provide any spreadsheets analyses with cell formulas intact.

#### **RESPONSE:**

The essence and the ultimate test of the validity of a rate of return estimate is whether it will permit the company to attract capital on reasonable terms and maintain the company's financial integrity. According to the seminal standards laid down in the landmark *Hope* and *Bluefield* cases, the return allowed by the regulator must be such as (1) to permit the utility to attract capital and maintain integrity, and (2) to be comparable with returns on similar risk investments. There are many dimensions and factors that determine a utility's financial integrity. The notion of integrity is fluid and encompasses several considerations, and no one single measure or spreadsheet analysis can capture the adequacy of integrity.

It is transparent that return on equity and interest coverage, which is a pivotal standard used by capital markets with respect to the attraction of debt capital, are related. The return should also be high enough to produce interest coverages consistent with an optimal cost-efficient bond rating. A return on equity that produces inadequate interest coverage endangers debt capital attraction. If the coverage implied by a recommended return

1

on equity is below current bond rating benchmarks, then an anemic coverage would almost guarantee a further downgrading of a company's bonds, particularly if interest coverages were already marginal. This can be further damaging if the company is pursuing a substantial construction expenditure program and requires external financing in a volatile and quality-conscious capital market. If the coverage ratio implied by any cost of equity estimate is well outside that of its peers, then this should attest to the inadequacy of the estimate. As a result, existing bondholders would be inflicted a capital loss, and the cost of capital, hence ratepayer burden, would increase. This is in direct violation of the fundamental doctrine of capital attraction and financial integrity promulgated by the landmark *Hope* and *Bluefield* cases.

The Company's current financial integrity and access to capital are based on 1) an ROE that is commensurate with the Company's risks and other opportunities available to investors, and 2) investors' expectations of continuity in supportive regulatory treatment, that is, regulatory treatment that allows the Company a reasonable chance of actually earning its allowed return.

### PERSON RESPONSIBLE: Dr. Roger Morin

AG-DR-01-066

### **REQUEST:**

Provide any analyses performed by Dr. Morin or other persons at Duke Energy that quantify the credit metrics used by Standard and Poor's and/or Moody's showing that Dr. Morin's recommended ROE is necessary to maintain Duke Energy Kentucky's financial integrity. If no such analyses were performed, please so state.

### **RESPONSE:**

Dr. Morin did not perform such analyses, as this was well outside the scope of his testimony. Also, no other persons at Duke Energy performed such specific analyses. However, any reduction in ROE would weaken the Company's credit metrics due to a corresponding reduction in cash flow.

PERSON RESPONSIBLE: Dr. Roger Morin / John L. Sullivan, III

### Duke Energy Kentucky Case No. 2017-00321 Attorney General's First Set Data Requests Date Received: October 27, 2017

AG-DR-01-067

### **REQUEST:**

Provide a copy of the Company's guidelines and/or all written criteria that describe when, what (type), how, and how much short-term debt will be issued and outstanding at any time. If the Company has no written guidelines and/or written criteria, so state.

### **RESPONSE:**

The Company has no such written criteria. In practice, the Company utilizes the Duke Energy Money Pool for its short-term borrowing needs until a sufficient amount is accumulated to warrant the issuance of long-term debt to replace some, or all, of these Money Pool borrowings.

PERSON RESPONSIBLE: John L. Sullivan, III

#### AG-DR-01-068 PUBLIC

### **REQUEST:**

Provide a schedule in electronic spreadsheet format showing the Company's average daily and end of month borrowings from the Duke Energy Money Pool for each month in 2016, 2017 to date and projected for each month thereafter through the end of the test year. In addition, provide the interest rates applicable to those borrowings on a daily basis and on average for each month. Provide a copy of all source documents relied on for the projected cost of short-term debt during the test year.

#### **RESPONSE:**

### <u>CONFIDENTIAL PROPRIETARY TRADE SECRET</u> (As to Attachments (f) and (g) Only)

Please see AG-DR-01-068 Attachment (a) for requested Duke Energy Money Pool information.

• Note that the forecast is developed on a monthly basis, not daily. Therefore, the forecast information is monthly only. No forecast is provided for December 2017 through February 2018 as these periods are not relevant to the rate case schedules.

Short-term debt rates used for the test period include rates for:

 Capital Lease – Meters, 3.330%; Capital Lease – Erlanger Facility, 8.634%; and Current Maturities: 4.65% due 10/1/19, 4.650%:

- See Long-term debt schedule, attached as AG-DR-01-068 Attachment (b), for these three items. The Capital Lease Meters is the ninth row down. The Capital Lease Erlanger Facility is the tenth row down. The Current Maturities due 10/1/19 are the fourth row down.
- Amounts Sold for Cash/Classified as Receivable, 2.302%:
  - This rate is the forward 1 month LIBOR plus a 75 basis point credit spread. See below for calculation and AG-DR-01-068 Attachments (c) and (d) for screen shots from Bloomberg of the forward LIBOR curve (use Basis Adj Fwd column). (Note that the forecasted balance outstanding for the Sales of Accounts Receivables debt is consistent through the entire test period. Therefore, any weighted average over the 13 months is the same as the straight average.)
  - The 75-basis-point credit spread used for the Sale of Accounts Receivables includes an estimate of: (a) the credit spread on the Sale of Accounts Receivables financing, and, (b) incremental interest over 1 month LIBOR that the participating banks charge (which is generally 10-12 basis points above 1 month LIBOR). (See AG-DR-01-068 Attachment (e) for support of the 10-12 basis points.)

The credit spread on the current Sale of Accounts Receivables agreement is 67.5 basis points. (See page 2 of AG-DR-01-068 CONFIDENTIAL Attachment (f) for support of the 67.5 basis points.) This spread is expected to increase to 72.5 basis points when the facility is renewed in late November, or early December, of 2017. (See page 2 of AG-DR-01068 CONFIDENTIAL Attachment (g) for support of the 72.5 basis points.) The aforementioned 10-12 basis points is in addition to this credit spread.

	1M LIBOR forward
	curve as of 7/28/17
3/1/2018	1.4295
4/3/2018	1.4485
5/1/2018	1.4512
6/1/2018	1.4732
7/2/2018	1.4960
8/1/2018	1.5286
9/4/2018	1.5497
10/1/2018	1.5698
11/1/2018	1.5986
12/3/2018	1.6332
1/2/2019	1.6628
2/1/2019	1.6670
3/1/2019	1.6737
13 Mo Avg	1.5524%
Add: Credit spread	0.7500
Forecasted rate	2.3024%

- Notes Payable Short-term Money Pool Balance, 1.495%
  - This rate is based on the forward 1 month LIBOR curve. The weighted average over the 13 month period is 1.495%. See calculation below. See attachments for screen shots from Bloomberg of LIBOR curve (use Basis Adj Fwd column).

	Forecasted ST MP balance	Forward 1M LIBOR	Forecasted Annualized Interest
	A	B	= A*B
Mar-18	27,397,698	1.4295%	391,650
Apr-18	43,706,903	1.4485%	633,094
May-18	59,853,634	1.4512%	868,596
Jun-18	62,226,984	1.4732%	916,728
Jul-18	78,788,978	1.4960%	1,178,683
Aug-18	87,324,254	1.5286%	1,334,839
Sep-18	87,802,020	1.5497%	1,360,668
Oct-18	0	1.5698%	0
Nov-18	0	1.5986%	0
Dec-18	0	1.6332%	0
Jan-19	0	1.6628%	0
Feb-19	0	1.6670%	0
Mar-19	0	1.6737%	0
	C	= D/C	D
Average	34,392,344	1.4950%	514,174

PERSON RESPONSIBLE:

John L. Sullivan, III

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# Money Pool Borrowings - Including \$25 million long-term balance

# Historical Information:

	Daily Aver	age	End of Mo	onth				
	Borrowings	Rate	Borrowings	Rate				
Jan-16	\$32,171,226	0.8025%	\$25,000,000	0.8871%				
Feb-16	25,000,000	0.9287%	25,000,000	0.9309%				
Mar-16	25,000,000	0.9494%	25,000,000	0.9306%				
Apr-16	25,000,000	0.8870%	25,000,000	0.8849%				
May-16	25,000,000	0.8518%	25,000,000	0.8170%				
Jun-16	25,000,000	0.8263%	25,000,000	0.8416%				
Jul-16	25,024,355	0.7854%	25,000,000	0.7646%				
Aug-16	25,060,419	0.8317%	25,000,000	0.8825%				
Sep-16	25,000,000	0.8591%	25,000,000	0.8047%				
Oct-16	26,470,516	0.7944%	33,991,000	0.6983%				
Nov-16	26,135,800	0.8484%	31,838,000	0.8515%				
Dec-16	31,035,935	0.9111%	44,656,000	0.8768%				
Jan-17	37,653,839	0.8782%	45,398,000	0.8218%				
Feb-17	35,389,679	0.9023%	48,981,000	0.8464%				
Mar-17	29,971,226	1.0504%	34,227,000	1. <b>1625%</b>				
Apr-17	28,438,233	1.2295%	35,801,000	1. <b>2157%</b>				
May-17	34,506,581	1.2217%	47,074,000	1.2048%				
Jun-17	39,622,900	1.3006%	49,544,000	1.3968%				
Jul-17	49,931,710	1.4017%	64,546,000	1.3956%				
Aug-17	<b>59,219,58</b> 1	1.3773%	67,229,000	1.3688%				
Sep-17	33,343,367	1.4067%	25,000,000	1.4296%				
Oct-17	25,000,000	1.4412%	25,000,000	1.4417%				

### Forecasted information:

precasted	information:							
Daily Average and End of Month								
	Borrowings	Rate						
No <b>v-17</b>	\$25,000,000	1.5096%						
Mar-18	\$52,397,698	1.5488%						
Apr-18	68,706,903	1.5395%						
May-18	84,853,634	1.5249%						
Jun-18	87,226,984	1.5449%						
Jul-18	103,788,978	1.5562%						
Aug-18	112,324,254	1.5842%						
Sep-18	112,802,020	1.6051%						
Oct-18	25,000,000	1.8198%						
No <b>v-1</b> 8	25,000,000	1.8486%						
Dec-18	25,000,000	1.8832%						
Jan-19	25,000,000	<b>1.9128%</b>						
Feb-19	25,000,000	<b>1.9170%</b>						
Mar-19	25,000,000	1.9237%						
# Duke Energy Debt Detail

# June 30, 2017

Includes Current Maturities

Entity	Reporting Node Description	USD Balance	Rate	Туре	Estimated Settlement Date	Maturity Date	Cusip
Duke Energy Kentucky							
Duke Energy Kentucky	Other Pollution Control Bond - LC - swap	26,720,000	0.910%	Floating	02/01/12	08/01/27	098792AP9
Duke Energy Kentucky	Other Pollution Control Bond - LC	50,000,000	1.523%	Floating	11/04/16	08/01/27	098792AN4
Duke Energy Kentucky	Unsecured	65,000,000	6.200%	Fixed	03/07/06	03/10/36	906888AS1
Duke Energy Kentucky	Unsecured	100,000,000	4.650%	Fixed	09/22/09	10/01/19	26442LAA2
Duke Energy Kentucky	Unsecured	45,000,000	3.420%	Fixed	01/05/16	01/15/26	Private Placement
Duke Energy Kentucky	Unsecured	50,000,000	4.450%	Fixed	01/05/16	01/15/46	Private Placement
Duke Energy Kentucky	Commercial Paper LTD	25,000,000	1.428%	Floating		03/16/22	
Duke Energy Kentucky	Capital Lease	771,240	4.821%	Fixed	04/21/09	04/21/18	
Duke Energy Kentucky	Capital Lease	324,045	3.330%	Fixed	06/18/10	06/18/19	
Duke Energy Kentucky	Capital Lease - Erlanger	718,288	8.634%	Fixed	12/30/06	09/30/20	
Duke Energy Kentucky	Unamortized Debt Discount/Premium	(313,163)					
Duke Energy Kentucky	Unamortized Debt Issuance Costs	(1,436,482)					
Total Duke Energy Kentucky		361,783,928					

Actions	el l'indres de	<ul> <li>Sett</li> </ul>	ings 🛥	L. H.		S	wap Curve	Builder
SD 50 - USD (1	vs. 1M LIBOR)	Name U	SD (vs. 1M	IBOR)	Default Pr	ivilege Gl	obal 07/2	8/17 🗖
urve Construction	Curve Analysis							
Irve #	50 - USD (vs. 1M	LIBOR)	-	Shift		+0.00 bp		
terpolation	Smooth Forward	(Cont)		OIS DC Strip	ping Yes			
ettle Date	08/01/17			Index Fixing	US000	1M 1.23	389%	
urve Side	Mid			Basis Side	Mid	*		
tripped Curve	orward Analysis Curv	e Horizon						
Basis Adj Fwd Fwd Rate	- 400 - 400	-2.40	Interval	1 M •	Tenor	1 M	Up to	5 Yr
EWD HADS		-2_20						
		2.00	Date	Fwd Rate		Diff (bp)	Non-DC Fwd No	
			08/01/2017	1,3047	1.2270	****	1.3047	1,227
P		-1.30 8	09/01/2017	1.3096	1,2319	7777	1,3096	1,231
		-1.60	10/02/2017	1,3194	1.2417		1.3194	1.241
P		-1.40	11/01/2017	1,3373	1.2596	× - 7,77	1.3373	1,259
		-1.20	12/01/2017	1.3822	1.3045		1.3822	1.304
07/02/2018 06/03/20	019 05/01/2020 04/01/2021 03/	01/2022	01/02/2018 02/01/2018	1.4390 1.4783	1.3613 1.4020		1,4390 1,4783	1,361
		-0.15	02/01/2018	1.4763	1.4020	7.65	1.5058	1,402
/\	DC Basis Fwd - Non-DC Basis P	wd)(bp)	04/03/2018	1.5261	1.4485	Transford An An An An An An	1.5260	1.429
		-0.05	05/01/2018		1.4512	-9.32	1.5450	1.451
		-0.00 D	06/01/2018		1.4732	4.38	1.5670	1.473
		-0.05	07/02/2018	1.5894	1.4960	-9.34	1.5895	1,496
		7	08/01/2018	1.6112	1,5286	-1.26	1.6112	1.528
		-0.15	09/04/2018	1.6323	1.5497	× -8.26	1.6323	1.549
		-0.25	10/01/2018	1.6524	1.5698	****8.26	1.6524	1.569
		t						

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SD 🔹 50 - USD (\		Name U	SD (vs. 1M L	IBOR) 🚺 De	efault Pr	ivilege Glu	obal 07/2	8/17 🗖
Curve Construction	Curve Analysis							
urve #	50 - USD (vs. 1M	LIBOR)	1	Shift	1	+0.00 bp		
nterpolation	Smooth Forward	(Cont)		OIS DC Strippi	ng Yes			
ettle Date	08/01/17			Index Fixing	US000	1M 1.233	389%	
urve Side	Mid			Basis Side	Mid	-		
Stripped Curve	orward Analysis Curv	e Horizon					-	
Basis Adj Fwd		the second second second second second second second second second second second second second second second s	Interval	1 M -	Tenor	1 M	Up to	5 Yr
Fwd Rate		-2.20						
			Date	Fwd Rate B	asis Adj Fwd	Unif (bp)	Non-DC Fwd No	n-DC Bas
	/	-2.00	05/01/2018	1.5450	1,4512	-4.38	1,5450	1,451
		-1.80 10	06/01/2018	1.5670	1,4732	-9,38	1,5670	1,473
		-1.60	07/02/2018	1,5894	1.4960		1.5895	1.496
1		-1.40	08/01/2018	1.6112	1.5286	-8.26	1.6112	1.528
1		F1.40	09/04/2018	1.6323	1.5497	-8,26	1.6323	1.549
		-1.20	10/01/2018	1.6524	1.5698	-\$.26	1,6524	1,569
07/02/2018 06/03/20	019 05/01/2020 04/01/2021 03/0	1/2022	11/01/2018	1.6812	1.5986	-8.26	1.6812	1.598
1	(OC Basis Fwd - Non-DC Basis Fv		12/03/2018	1.7159	1.6332	*8,25	1.7160	1.633
( )	for basis the - million basis to	10.10	01/02/2019	1.7467	1,6628	¥\$\$¥	1.7469	1.663
	1		02/01/2019	1.7637	1.6670	987	1.7637	1.667
	1	-0.00	03/01/2019	1.7704	1,6737	N. B.	1,7699	1,673
		-0.10 8	04/01/2019	1,7723	1,6757	-9,67	1.7713	1.674
		-0.10 9	05/01/2019	1.7794	1.6827	+9.67	1.7780	1.681
		-0.15	06/03/2019	1.7920	1.6954	-\$\$7	1.7905	1.693
		-0.25	07/01/2019	1.8085	1.7118	-9.67	1.8072	1.710
		P. I						

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# KyPSC Case No. 2017-00321 AG-DR-01-068 Attachment (e) Page 1 of 1

	1M LIBOR	Bank A	Bank B	Average Bank CP rate	Difference
2017-1	0.7794%	1.0719%	1.2361%	1.1540%	0.3745%
2017-2	0.7889%	1.1177%	1.2606%	1.1891%	0.4002%
2017-3	0.9828%	1.1391%	1.2556%	1.1974%	0.2146%
2017-4	0.9950%	1.1795%	1.2748%	1.2271%	0.2321%
2017-5	1.0603%	1.2083%	1.2654%	1.2368%	0.1765%
2017-6	1.2239%	1.2521%	1.2851%	1.2686%	0.0447%
2017-7	1.2317%	1.3069%	1.3244%	1.3157%	0.0840%
2017-8	1.2317%	1.3412%	1.3516%	1.3464%	0.1147%
2017-9	1.2322%	1.3719%	1.3729%	1.3724%	0.1402%

.

# CONFIDENTIAL PROPRIETARY TRADE SECRET Attachment AG-DR-01-068(f)

# FILED UNDER SEAL

# CONFIDENTIAL PROPRIETARY TRADE SECRET Attachment AG-DR-01-068(g) FILED UNDER SEAL

# **REQUEST:**

Refer to the Direct testimony of Ms. Jett at page 15 lines 4-16 wherein she states:

The Commission has already granted CPCN authorization for the Company to begin construction of these projects in Case No. 2016-00398.

- a. Confirm that the Commission has not authorized the ARO amortization for Pond Closure, which the Company seeks to recover through the proposed Environmental Surcharge.
- b. Provide the ARO amortization expense projected for the test year. Indicate whether this expense is included in the test year base revenue requirement.
   Identify where in the filing this amount is shown or otherwise included.
- c. Provide a schedule showing the ARO asset, ARO liability, and accumulated amortization for Pond Closure at month end for each month from January 2017 through the end of the test year. Also provide all calculations and source documents relied on to quantify these amounts.
- d. Provide a schedule showing the projected cash expenditures for the Pond Closure for each month from January 2017 through the end of the test year.
- e. Confirm that ARO amortization expense is not deductible for income tax purposes and that the expense must be grossed up for income taxes in the calculation of the revenue requirement. Explain your response.

# **RESPONSE:**

- a. The ARO and associated deferrals were the subject of Case No. 2015-00187.
   The Commission has not approved an amortization period.
- b. The total ARO amortization for the proposed recovery of costs associated with the closure of the East Bend ash pond for the test period consisting of the 12 months ending March 31, 2019 is \$3,316,971. See Attachment CSL-1 to the Direct Testimony of Cynthia S. Lee. These amounts have not been included in the test year base revenue requirement because the Company is requesting recovery through Rider ESM.
- c. Please see attached schedule AG-DR-01-069(c). This schedule is based on actual data from PowerPlan, as well as projections already included in Schedule CSL-1.
- d. Please see Schedule CSL-1 filed with Cynthia Lee's testimony. The column labeled "Cash Spend" provides the actual and projected cash expenditures by month for the East Bend ash pond closure.
- e. Non-cash amortization expense is deductible for calculating book tax expense. Insofar as 'book tax expense' is the basis for establishing revenue requirements, there is no gross-up required for income tax expense.

# **PERSON RESPONSIBLE:** William Don Wathen Jr. (a), (e) Cynthia S. Lee (b)-(d)

					Actual				
ARO Asset	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
Beginning Balance	45,740,611	45,740,611	45,740,611	45,740,611	45,740,611	45,740,611	45,740,611	45,740,611	27,265,832
Change in Cost Estimates								(18,474,779)	
Ending Balance	45,740,611	45,740,611	45,740,611	45,740,611	45,740,611	45,740,611	45,740,611	27,265,832	27,265,832
ARO Asset Accumulated Depreciation									
Beginning Reserve Balance	(6,422,612)	(6,556,347)	(6,690,082)	(6,823,816)	(6,957,551)	(7,091,286)	(7,225,021)	(7,358,755)	(7,492,490)
Depreciation	(133,735)	(133,735)	(133,735)	(133,735)	(133,735)	(133,735)	(133,735)	(133,735)	(69,137)
Ending Balance	(6,556,347)	(6,690,082)	(6,823,816)	(6,957,551)	(7,091,286)	(7,225,021)	(7,358,755)	(7,492,490)	(7,561,628)
ARO Liability	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
Beginning Balance	(42,954,611)	(42,719,822)	(42,417,214)	(41,839,582)	(41,688,270)	(41,177,525)	(40,997,386)	(40,021,399)	(20,570,278)
Accretion	(136,467)	(135,695)	(134,777)	(133,079)	(132,629)	(131,074)	(130,535)	(130,179)	(70,198)
Change in Cost Estimates								18,474,779	
Settlements (see note A below)	371,256	438,302	712,409	284,391	643,374	311,213	1,106,521	1,106,521	1,106,521
Ending Balance	(42,719,822)	(42,417,214)	(41,839,582)	(41,688,270)	(41,177,525)	(40,997,386)	(40,021,399)	(20,570,278)	(19,533,955)
Accumulated Amortization of Coal									
Ash ARO Recovery	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
Beginning Amortization Balance	6	-	1		-	~	~	-	12
Proposed Recovery	-		1.00	1.4		+	-	-	-
Cumulative Amortization		-	-	1.0	÷		-		-

Note A:

Actual costs incurred for July 2017 - September 2017 were \$797,693 and projections for October - December 2017 are adjusted to reflect this impact. Adjusted projection for October - December 2017 is \$5,841,436.

the second second second second second second second second second second second second second second second se					Projection				
ARO Asset	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18
Beginning Balance	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832
Change in Cost Estimates									
Ending Balance	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832
ARO Asset Accumulated Depreciation									
Beginning Reserve Balance	(7,561,628)	(7,630,765)	(7,699,903)	(7,769,040)	(7,838,178)	(7,907,315)	(7,976,452)	(8,045,590)	(8,114,727)
Depreciation	(69,137)	(69,137)	(69,137)	(69,137)	(69,137)	(69,137)	(69,137)	(69,137)	(69,137)
Ending Balance	(7,630,765)	(7,699,903)	(7,769,040)	(7,838,178)	(7,907,315)	(7,976,452)	(8,045,590)	(8,114,727)	(8,183,865)
ARO Liability	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18
Beginning Balance	(19,533,955)	(18,497,062)	(17,448,933)	(16,397,495)	(16,194,289)	(15,990,442)	(15,785,951)	(15,580,814)	(15,375,030)
Accretion	(69,629)	(58,392)	(55,084)	(51,764)	(51,123)	(50,479)	(49,834)	(49,186)	(48,537)
Change in Cost Estimates									
Settlements (see note A below)	1,106,521	1,106,521	1,106,521	254,970	254,970	254,970	254,970	254,970	254,970
Ending Balance	(18,497,062)	(17,448,933)	(16,397,495)	(16,194,289)	(15,990,442)	(15,785,951)	(15,580,814)	(15,375,030)	(15,168,597)
Accumulated Amortization of Coal									
Ash ARO Recovery	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18
Beginning Amortization Balance	-		÷.	4	-	-	~	-	8
Proposed Recovery	+		÷1.	1.00	÷	4	-	- G	(331,697)

					Projection				
ARO Asset	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19
Beginning Balance	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832
Change in Cost Estimates									
Ending Balance	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832	27,265,832
ARO Asset Accumulated Depreciation									
Beginning Reserve Balance	(8,183,865)	(8,253,002)	(8,322,140)	(8,391,277)	(8,460,415)	(8,529,552)	(8,598,690)	(8,667,827)	(8,736,965
Depreciation	(69,137)	(69,137)	(69,137)	(69,137)	(69,137)	(69,137)	(69,137)	(69,137)	(69,137
Ending Balance	(8,253,002)	(8,322,140)	(8,391,277)	(8,460,415)	(8,529,552)	(8,598,690)	(8,667,827)	(8,736,965)	(8,806,102
ARO Liability	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19
Beginning Balance	(15,168,597)	(14,961,511)	(14,753,772)	(14,545,377)	(14,336,325)	(14,126,612)	(13,916,237)	(13,471,137)	(13,024,631
Accretion	(47,885)	(47,231)	(46,575)	(45,918)	(45,258)	(44,596)	(43,931)	(42,526)	(41,117
Change in Cost Estimates									
Settlements (see note A below)	254,970	254,970	254,970	254,970	254,970	254,970	489,032	489,032	489,032
Ending Balance	(14,961,511)	(14,753,772)	(14,545,377)	(14,336,325)	(14,126,612)	(13,916,237)	(13,471,137)	(13,024,631)	(12,576,716
Accumulated Amortization of Coal									
Ash ARO Recovery	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19
Beginning Amortization Balance	(331,697)	(663,394)	(995,091)	(1,326,788)	(1,658,485)	(1,990,182)	(2,321,879)	(2,653,577)	(2,985,274
Proposed Recovery	(331,697)	(331,697)	(331,697)	(331,697)	(331,697)	(331,697)	(331,697)	(331,697)	(331,697
Cumulative Amortization	(663,394)	(995,091)	(1,326,788)	(1,658,485)	(1,990,182)	(2,321,879)	(2,653,577)	(2,985,274)	(3,316,971

#### SUPPORT FOR ASSET BALANCE, ADJUSTMENT, ACCUMULATED RESERVE AND DEPRECIATION PowerPlan - Depreciation Module Ledger Activity for January 2017 - September 2017

Select Criteria:					-Orientation			Cone		Cancel
Monthly	Start Date: Jan		-	Select	Fine Time Pick Display	C Group	C COB			View Rates
CQuarterly	End Date: 0c	tober 2017	-		Ріск Паріаў		C Comb	ined Reserve		
C Annually	Set of Books: Fir	ancial	- 1	Refresh	317 - East Ben	d Coal Ash ARO - C	CR		-	View Factors
Period Comparison		Lusz	Depreciation Basis		1	Reserve Activ	rity	1	Reserve F	listory
	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017
Beginning Plant in Service	\$45,740,610	\$45,740,610,80	\$45,740,610.80	\$45,740,610.80	\$45,740,610,80	\$45,740,610.80	\$45,740,610,80	\$45,740,610.80	\$27,265,831,76	\$27,265,831.76
Additionz	\$0.	00.02 00	\$0.02	\$0.00	\$0.02	\$0.00	\$0.00	[\$18,474,779.04]	00.02	\$0.00
Retirementa	.02	00.02 00	\$0,00	\$0.02	\$0.00	\$0.02	\$0.02	\$0.00	\$0.02	\$0.00
Transfers In	\$0.	00.02 00	\$0.00	\$0.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Transfers Out	\$0.	00,02 00	00.02	\$0.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Adjustments	\$0.	00.02 \$0.00	\$0,00	\$0.00	\$0.00	00.02	\$0.00	\$0.02	\$0.00	\$0.00
Ending Plant in Service	\$45,740,610	80 \$45,740,610,80	\$45,740,610.80	\$45,740,610.80	\$45,740,610.80	\$45,740,610,80	\$45,740,610.80	\$27,265,831.76	\$27,265,831.76	\$27,265,831,76
Beginning Reserve Balance (Less COR)	\$6,422,612	14 \$6,556,346,81	\$6,690,081,53	\$6,823,816,32	\$6,957,551.16	\$7,091,286.01	\$7,225,020.79	\$7,358,755.39	\$7.492.490.06	\$7,561,627.55
Depreciable Base	\$39,317,998.	66 \$39,184,263,99	\$39,050,529,27	\$38,916,794.48	\$38,783,059.64	\$38,649,324.79	\$38,515,590.01	\$38,381.855.41	\$19,773,341.70	\$19,704,204.21
Annual Provision Rate	0.00000	0.000000%	0.0000002	0.000002	0.0000002	0.0000002	0.000000%	0.0000002	0,000000%	0.0000002
Depreciation Provision	\$133,734.	67 \$133,734,72	\$133,734,79	\$133,734,84	\$133,734.85	\$133,734.78	\$133,734,60	\$133,734,67	\$69,137,49	\$69,137,52
Depreciation Input Adjustment	02	00.02 00	\$0.00	\$0.00	00.02	00.02	\$0.00	\$0.00	00.02	\$0.00
Depreciation Calculated Adjustment	\$0.	00.02 00	\$0.00	\$0.02	\$0.02	\$0.00	\$0.00	\$0.00	\$0.02	\$0.00
Estimated Annual Net Additions	\$0.	00.02 00	00.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.02	\$0.00
Salvage Rate	0.00000	0.0000002	0.000000%	0.000000%	0.0000002	0.0000002	0.000000\$	0.000000%	0.0000002	0.000002
Salvage Base	\$0.	00.02 00	\$0.00	\$0.02	00.02	\$0.00	\$0.02	\$0.00	\$0.02	\$0.02
Salvage Provision	\$0.	00.02 00	\$0.02	\$0.00	\$0.00	\$0.02	\$0,08	\$0.00	00.02	\$0.00
Salvage Input Adjustment	\$0.	00.02 00	\$0.00	\$0.00	\$0.02	\$0.02	\$0.02	\$0.02	00.02	\$0.00
Salvage Calculated Adjustment	\$0.	00.02 00	\$0.00	\$0.00	\$0.00	\$0.00	00.02	\$0.00	\$0.00	\$0.00
Impairment Asset Amount	\$0.	00.02 00	\$0.02	\$0.00	00.02	\$0.02	\$0.02	\$0.00	\$0.02	\$0.00
Impairment Expense Amount	\$0.	00.02 00	\$0.02	\$0.02	\$0.02	00.02	\$0.00	\$0.02	\$0.02	\$0.00

#### Support for ARO Liability and Accretion - SOURCE: PP Report ARO-1000, monthly from Jan. 17 - Sep. 17

Soure: PowerPlan report ARO-1000 for each month available in 2017. Note that October is included only to obtain the Oct 2017 accretion, which is calculated at the beginning of the month.

	Settlements	Accretion	Beg Bal	Accr Rate	
Jan	392,320	136,467	42,954,611	0.31770%	Ī
Feb	438,771	135,695	42,698,758	0.31780%	
Mar	690,971	134,777	42,395,682	0.31790%	
Apr	284,391	133,079	41,839,488	0.31807%	
May	642,623	132,629	41,688,177	0.31815%	
Jun	311,213	131,074	41,178,183	0.31831%	
Jul	251,265	130,535	40,998,044	0.31839%	
Aug	289,485	130,179	40,877,315	0.31846%	
Sep	256,943	70,198	22,243,230	0.31559%	
Oct		69,629	22,056,485	0.31568%	

Accretion would change b/c there are different discount rates at different layers. As we incur settlements the average of the discount rates would change slightly.

For projection purposes, use the Oct 17 accretion rate for Nov 17 - Mar 19 accretion as no remeasurements are included in this projection period.

#### Settlements

Per CSL-1	Per PP	Adjustments	
371,256	392,320	(21,064)	
438,302	438,771	(469)	
712,409	690,971	21,438	
284,391	284,391	(0)	
643,374	642,623	751	
311,213	311,213	0	
2,760,946	2,760,289	657	Immaterial

		ARO L	iability Balances	and Activity				
		Duk	e Energy-Set of	books:				/2017 /2017
Business Unit GL Account	Beginning Liability	Liabilities Incurred	Liabilities Settled	Accretion	Revisions	Gain/Loss	Accretion and Liab, Adjust	Ending Liability
75081-DE Kentucky Fossil								
0230315 - AROLIABASH								
DEK ARO FOS East Bend Coal Ash	\$42,954,610,84	\$0.00	(\$392,319.97)	\$136,467.16	\$0.00	50.00	50.00	\$42,698,758.05
GL Account Totat	\$42,954,610.84	\$0.00	(\$392,319.97)	\$136,467,18	\$0.00	\$0.0	0.00	\$42,695,758.05
		ARO LI	ability Balances	and Activity		2.5		2.41
		Duk	e Energy- Set of	books:				2017 2017
Business Unit GL Account	Beginning Liability	Liabilities	Liabilities Settled	Accretion	Revisions	Gain/Loss	Accretion and Liab. Adjust	Ending
5081-DE Kentucky Fossil								
0230315 - AROLIABASH								
DEK ARO FOS East Bend Coal Ash	\$42,698,758.05	\$0.00	(\$438,770.75)	\$135,694.77	\$0.00	\$0.00	\$0.00	\$42,395,682.07
GL Account Total:	\$42,698,758.05	\$0.00	(\$438,770.75)	\$135,694,77	\$0.00	\$0.00	\$0.00	\$42,395,682.07
		ARO L	iability Balances	and Activity				
		Dut	e Energy- Set of	hooks				/2017 /2017
Business Unit GL Account	Beginning Liability	Liabilities Incurred	Liabilities Settled	Accretion	Revisions	Gain/Loss	Accretion and Liab. Adjust	Ending
75081-DE Kentucky Fossil								
0230315 - AROLIABA SH								
DEK ARO FOS East Bend Coal Ash	\$42,395,682.07	\$0.00	(\$690,971.35)	\$134,776.88	\$0.00	\$0.0	\$0,00	\$41,839,487.60
GL Account Total:	\$42,395,682.07	\$0.00	(\$690,971.35)	\$134,776.88	\$0,00	\$0.0	0 \$0,00	\$41,839,487.60

		ARO Liability Balances and Activity Duke Energy- Set of books:					Period Beginning: 4/1/2017 Period Ending: 4/1/2017			
Business Voit GL Account	Beginning Lisbility	Liabilities Incurred	Liabilities Settled	Accretion	Revisions	Gain/Loss	Accretion and Liab. Adjust	Ending		
5081-DE Kentucky Fossił 0230315 - AROLIABASH DEK ARO FOS East Bend Coal Ash	\$41,839,487.60	\$0.00	(\$284,390.55)	\$133,079.48	\$0.00	\$0.04	50.00	\$41,688,176.53		
GL Account Total:	\$41,839,487.60	\$0.00	(\$284,390.55)	\$133,079.48	\$0.00	\$8.0	\$0.00	\$41,688,176.53		

							5/1/2017 5/1/2017	
Business Unit GL Account	Beginning Liability	Liabilities	Liablitties Settled	Accretion	Revisions	Gain/Loss	Accretion and Liab. Adjust	Ending Liability
75081-DE Kentucky Fossil 0230315 - AROLIABASH DEK ARO FOS Fast Bend Coal Ash	\$41,688,176,53	\$0.00	(\$642.622.81)	\$132,629,19	\$0.00	\$0.00	0 \$0.0	0 \$41.178,182.91
GL Account Total:	\$41,688,176.53	\$0.00	(\$642.622.81)	\$132,629,19	\$0.00	\$0.00		

			ability Balances e Energy- Set of					6/1/2017 6/1/2017
Business Unit GL Account	Beginning Liability	Liabilities Incurred	Liabilities Settled	Accretion	Revisions	Gain/Loss	Accretion and Liab. Adjust	i Ending Liability
75081-DE Kentucky Fossil 0230316 - AROLIABASH DEK ARO FOS East Bend Coal Ash	\$41,176,182.91	\$0.00	(\$311,213.02)	\$139,074.28	\$0.00	50.0	0 \$0.0	0 \$40,998,044.17
GL Account Totat:	\$41,178,182.91	\$0.00	(\$311,213.02)	\$131,074,28	\$0.00	\$0.0	0 50.0	540,998,044.17

		ARO LI	ability Balances	and Activity		Period	Beginning: 7/1/	2017
		Duk	e Energy- Set of	books:				2017
Business Unit GL Account	Beginning Liability	Liabilities Incurred	Liabilities Settled	Accretion	Revisions	Gain/Loss	Accretion and Liab. Adjust	Ending
75081-DE Kentucky Fossil 0230315 - AROLIABASH								
DEK ARO FOS East Bend Coal Ash	\$40,998,044.17	\$0.00	(\$251,264.89)	\$130,535.29	\$0.00	\$0.00	\$0.00	\$40,877,314.57
GL Account Total:	\$40,998,044.17	\$0.00	(\$251,264.89)	\$130,535.29	\$0.00	\$0.00	\$0.00	\$40,877,314,57
		ARO L	ability Balances	and Activity		2	Denning Dire	2017
		Durk	e Energy- Set of	books:				2017
Business Unit GL Account	Beginning Liability	Liabilities Incurred	Liabilities Settled	Accretion	Revisions	Gain/Loss	Accretion and Liab. Adjust	Ending
75081-DE Kentucky Fossil 0230315 - AROLIABASH								
DEK ARO FOS East Bend Coal Ash	\$40,877,314.57	\$0.00	(\$289,485.23)	\$130,179.31 (	\$18,474,779.04)	\$0.00	\$0.00	\$22,243,229.61
GL Account Totab	\$40,877,314.57	\$0.00	(\$289,485.23)	\$130,179.31 (	\$18,474,779.04)	\$0.00	\$0.00	\$22,243,229.61
		AROL	ability Balances	and Activity				
		Duk	e Energy- Set of	books				2017 2017
Business Unit GL Account	Beginning Liability	Liabilities Incurred	Liabilities Settled	Accretion	Revisions	Gain/Loss	Accretion and Liab. Adjust	Ending Liability
75051-DE Kentucky Fossil								
0230315 - AROLIABASH		60.00	12210 012 001	\$70,197,98	\$0.00	20.04	0.02	
DEK ARO FOS East Bend Coal Ash GL Account Total:	\$22,243,229.61 \$27,243,229.61	\$0.00 \$0.00	(\$256,942.86) (\$256,942.86)	\$70,197.98	\$0.00	\$0.00		\$22,056,484.73 \$22,056,484.73
			iability Balances					1/2017 1/2017
Business Unit	Beginning	Liabilities	Liabilities	Accretion	Revisions	Gain/Loss	Accretion and	Ending

GL Account	Beginning Liability	Liabilities Incurred	Liabilities Settled	Accretion	Revisions	Gain/Loss	Accretion and Liab. Adjust	Ending
6081-DE Kentucky Fossil 0230315 - AROLIABASH								
DEK ARO FOS East Bend Coal Ash	\$22,056,484.73	\$0.00	\$0.00	\$69,629.41	\$0.00	\$0.00	\$0.00	\$0.00
GL Account Total	\$22,056,484,73	\$0.00	\$0.00	\$69,629.49	\$0.00	\$0.00	\$0.00	80.0

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD TYPE OF FILING: "X" ORIGINAL UPDATED REVISED WORK PAPER REFERENCE NOS.:

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SCHEDULE CSL-1 PAGE 1 OF 4 WITNESS RESPONSIBLE: C. S. Lee

Duke Energy Kentucky Amortization Calculation for Coal Ash ARO

Pe	eriod	Cash Spend	COR Credit	Carrying Cost	Recovery	Ending Balance
		See note A				<u> </u>
2015 Total	Actual	3,858,084	(856,412)	20,378	-	3,022,050
2016 Total	Actual	4,777,964	(107,051)	385,762	-	8,078,724
Jan-17	Actual	371,256	-	43,310	-	8,493,291
Feb-17	Actual	438,302	-	40,475	-	8,972,068
Mar-17	Actual	712,409	(26,763)	44,946	-	9,702,661
Apr-17	Actual	284,391		51,351	-	10,038,403
Maγ-17	Actual	643,374	-	56,745	-	10,738,522
lun-17	Actuol	311,213	(26,763)	54,259	•	11,077,232
Jul-17	Projection	1,106,521	-	59,973	-	12,243,727
Aug-17	Projection	1,106,521	-	65,715	-	13,415,963
5ep-17	Projection	1,106,521	(26,763)	71,354	-	14,567,076
Oct-17	Projection	1,106,521	-	77,152	-	15,750,749
Nov-17	Projection	1,106,521	•	82,978	-	16,940,248
Dec-17	Projection	1,106,521	(26,763)	88,702	-	18,108,709
lan-18	Projection	254,970	-	90,393	-	18,454,072
eb-18	Projection	254,970	-	92,093	-	18,801,136
Mar-18	Projection	254,970	(26,763)	93,670	-	19,123,014
Apr-18	Projection	254,970	-	112,726	-	19,490,710
Ma <b>y-18</b>	Projection	254,970	-	114,865	-	19,860,545
lun-18	Projection	254,970	•	115,086	(331,697)	19,898,904
lul-18	Projection	254,970	-	115,310	(331,697)	19,937,487
Aug-18	Projection	254,970	-	115,534	(331,697)	19,976,294
5ep-18	Projection	254,970	•	115,760	(331,697)	20,015,327
Oct-18	Projection	254,970	-	115,987	(331,697)	20,054,588
Nov-18	Projection	254,970	-	116,215	(331,697)	20,094,076
Dec-18	Projection	254,970	-	116,445	(331,697)	20,133,794
lan-19	Projection	489,032	-	118,038	(331,697)	20,409,167
Feb-19	Projection	489,032	-	119,639	(331,697)	20,686,141
Mar-19	Projection	489,032	•	121,251	(331,697)	20,964,726
Apr-19	Projection	489,032	-	122,871	(331,697)	21,244,932
Ma <b>y</b> -19	Projection	489,032	-	124,501	(331,697)	21,526,768
Jun-19	Projection	489,032	-	126,141	(331,697)	21,810,243
lul-19	Projection	489,032	-	127,790	(331,697)	22,095,368
Aug-19	Projection	489,032		129,448	(331,697)	22,382,151
5ep-19	Projection	489,032	-	131,117	(331,697)	22,670,602
Dct-19	Projection	489,032	-	132,795	(331,697)	22,960,731
Nov-19	Projection	489,032	-	134,482	(331,697)	23,252,548
Dec-19	Projection	489,032	-	136,180	(331,697)	23,546,063

#### DATA: "X" BASE PERIOD "X" FORECASTED PERIOD TYPE OF FILING: "X" ORIGINAL UPDATED REVISED WORK PAPER REFERENCE NOS.:

SCHEDULE CSL-1 PAGE 2 OF 4 WITNESS RESPONSIBLE: C. S. Lee

# Duke Energy Kentucky

Amortization Calculation for Coal Ash ARO

	Period	Cash Spend	COR Credit	Carrying Cost	Recovery	Ending Balance
		See note A		۱ <u>۰۰۰۰۰</u>		
Jan-20	Projection	113,207	-	135,701	(331,697)	23,463,274
Feb-20	Projection	113,207	-	135,220	(331,697)	23,380,004
Mar-20	Projection	113,207	-	134,735	(331,697)	23,296,250
Apr-20	Projection	113,207	-	134,248	(331,697)	23,212,008
May-20	Projection	113,207	-	133,758	(331,697)	23,127,276
Jun-20	Projection	113,207	-	133,265	(331,697)	23,042,052
Jul-20	Projection	113,207	-	132,769	(331,697)	22,956,331
Aug-20	Projection	113,207	-	132,271	(331,697)	22,870,112
5ep-20	Projection	113,207	-	131,769	(331,697)	22,783,392
Oct-20	Projection	113,207	-	131,265	(331,697)	22,696,167
Nov-20	Projection	113,207	-	130,757	(331,697)	22,608,434
Dec-20	Projection	113,207	-	130,247	(331,697)	22,520,191
Jan-21	Projection	52,127	-	129,378	(331,697)	22,369,999
Feb-21	Projection	52,127		128,504	(331,697)	22,218,934
Mar-21	Projection	52,127	-	127,626	(331,697)	22,066,989
Apr-21	Projection	52,127	-	126,742	(331,697)	21,914,161
May-21	Projection	52,127	-	125,853	(331,697)	21,760,443
Jun-21	Projection	52,127	-	124,959	(331,697)	21,605,832
Jul-21	Projection	52,127	-	124,059	(331,697)	21,450,321
Aug-21	Projection	52,127	-	123,154	(331,697)	21,293,905
5ep-21	Projection	52,127	-	122,245	(331,697)	21,136,579
Oct-21	Projection	52,127	-	121,329	(331,697)	20,978,339
Nov-21	Projection	52,127	-	120,409	(331,697)	20,819,177
Dec-21	Projection	52,127	-	119,483	(331,697)	20,659,090
Jan-22	Projection	-	-	118,249	(331,697)	20,445,642
Feb-22	Projection	-	-	117,007	(331,697)	20,230,951
Mar-22	Projection	•	-	115,758	(331,697)	20,015,012
Apr-22	Projection	-	-	114,502	(331,697)	19,797,817
May-22	Projection	-	-	113,238	(331,697)	19, <b>579,3</b> 58
Jun-22	Projection	-	-	111,967	(331,697)	19,359,629
Jul-22	Projection	-	-	110,689	(331,697)	19,138,621
Aug-22	Projection	-	-	109,404	(331,697)	18,916,327
	Projection	-	-	108,111	(331,697)	18,692,741
Oct-22	Projection	•	-	106,810	(331,697)	1 <b>8,467,8</b> 54
Nov-22	Projection	-	-	105,502	(331,697)	18,241,658
Dec-22	Projection	•	-	104,186	(331,697)	18,014,147
Jan-23	Projection	-	-	102,862	(331,697)	17,785,312
Feb-23	Projection	-	-	101,531	(331,697)	17,555,146
Mar-23	Projection	-	-	100,192	(331,697)	17,323,642
Apr-23	Projection	-	-	98,846	(331,697)	17,090,790
May-23	Projection	-	-	97,491	(331,697)	16,856,584

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD TYPE OF FILING: "X" ORIGINAL UPDATED REVISED WORK PAPER REFERENCE NOS.: SCHEDULE CSL-1 PAGE 3 OF 4 WITNESS RESPONSIBLE: C. S. Lee

Duke Energy Kentucky Amortization Calculation for Coal Ash ARO

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	<u> </u>				[···]	
L	Period	Cash Spend	COR Credit	Carrying Cost	Recovery	Ending Balance
Jun-23	Projection	See note A		96,129	(331,697)	16,621,016
Jul-23	Projection	•	-	94,758	(331,697)	16,384,077
	Projection	-	-	93,380	(331,697)	
Aug-23	-	-	-	9 <b>1,9</b> 94	(331,697)	16,145,760
Sep-23	Projection	•	-	90,599		1S,906,056
Oct-23 Nov-23	Projection	-	-	89,197	(331,697)	15,664,958
	Projection	-	-	87,786	(331,697) (331,697)	15,422,458 15,178,547
Dec-23 Jan-24	Projection	•	-	86,367	• • •	· •
	Projection	-	-		(331,697)	14,933,217
Feb-24	Projection	-	-	84,940	(331,697)	14,686,459
Mar-24	Projection	-	-	83,505	(331,697)	14,438,267
Apr-24	Projection	-	-	82,061	(331,697)	14,188,631
May-24	Projection	-	-	80,609	(331,697)	13,937,542
Jun-24	Projection	-	-	79,148	(331,697)	13,684,993
Jul-24	Projection	-	-	77,679	(331,697)	13,430,975
Aug-24	Projection	•	-	76,201	(331,697)	13,175,479
Sep-24	Projection	-	-	74,715	(331,697)	12,918,496
Oct-24	Projection	-	-	73,220	(331,697)	12,660,019
Nov-24	Projection	-	-	71,716	(331,697)	12,400,039
Dec-24	Projection	-	-	70,204	(331,697)	12,138,545
Jan-25	Projection	-	-	68,683	(331,697)	11,875,531
Feb-25	Projection	-	-	67,153	(331,697)	11,610,987
Mar-25	Projection	•	-	65,614	(331,697)	11,344,904
Apr-25	Projection	-	-	64,0 <b>66</b>	(331,697)	11,077,273
May-25	Projection	-	-	62,509	(331,697)	10,808,085
Jun-25	Projection	•	-	60,943	(331,697)	10,537,331
Jul-25	Projection	-	-	59,368	(331,697)	10,265,002
Aug-25	Projection	-	-	57,784	(331,697)	9 <b>,991,08</b> 9
Sep-25	Projection	-	-	56,191	(331,697)	9,715,583
Oct-25	Projection	-	-	54,588	(331,697)	9,438,473
Nov-25	Projection	-	-	52,976	(331,697)	9 <b>,159,</b> 752
Dec-2S	Projection	-	-	51,355	(331,697)	8,879,410
Jan-26	Projection	•	•	49,724	(331,697)	<b>8,597,4</b> 36
Feb-2 <b>6</b>	Projection	-	-	48,083	(331,697)	8,313,823
Mar-26	Projection -	-	-	46,434	(331,697)	8,028,559
Apr-26	Projection	-	-	44,774	( <b>331,6</b> 97)	7,741,637
May-26	Projection	-	· –	43,105	(331,697)	7,453,045
Jun-26	Projection	-	•	41,426	(331,697)	7,162,774
Jul-26	Projection	-	-	39,738	(331,697)	6,870,814
Aug-26	Projection	•	•	38,039	(331,697)	6,577,157
5ep-26	Projection	-	-	36,331	(331,697)	6,281,79 <b>1</b>
Oct-26	Projection	-	•	34,613	(331,697)	5,984,707
Nov-26	Projection	-	-	32,885	(331,697)	5,685,894

DATA: "X" BASE PERIOD "X" FORECASTED PERIOD TYPE OF FILING: "X" ORIGINAL UPDATED REVISED WORK PAPER REFERENCE NOS.: SCHEDULE CSL-1 PAGE 4 OF 4 WITNESS RESPONSIBLE: C. S. Lee

Duke Energy Kentucky Amortization Calculation for Coal Ash ARO

F	Period	Cash Spend	COR Credit	Carrying Cost	Recovery	Ending Balance
		See note A				i
Dec-26	Projection	-	-	31,146	(331,697)	5,385,344
lan-27	Projection	•		29,398	(331,697)	5,083,045
Feb-27	Projection	-	-	27,640	(331,697)	4,778,987
Mar-27	Projection	-	-	25,871	(331,697)	4,473,161
Apr-27	Projection	-	-	24,092	(331,697)	4,165,555
May-27	Projection	-	-	22,302	(331,697)	3,856,161
lun-27	Projection	-	-	20,503	(331,697)	3,544,966
lul-27	Projection	•	-	18,692	(331,697)	3,231,961
Aug-27	Projection	-	-	16,871	(331,697)	2,917,136
Sep-27	Projection	-	-	15,040	(331,697)	2,600,479
Oct-27	Projection	•	-	13,198	(331,697)	2,281,979
Nov-27	Projection	-	-	11,345	(331,697)	1,961,628
Dec-27	Projection	-	-	9,482	(331,697)	1,639,412
lan-28	Projection	-	-	7,607	(331,697)	1,315,322
eb-28	Projection	-		5,722	(331,697)	989,347
Mar-28	Projection	-	-	3,826	(331,697)	661,476
Apr-28	Projection	-	-	1,918	(331,697)	331,697
May-28	Projection	•	-	(0)	(331,697)	(0)
•		28,948,159	(1,097,278)	11,952,767	(39,803,648)	

Note A: Actual costs included for May 2015 through June 2017 total \$11.4 million. Projected costs included starting in July 2017 total \$17.6 million.

Amortization Period (yrs)	10 (6/18 - 5/28)
Monthly Amortization Amount	331,697
Annualized Amortization Amount	3,980,365

Duke Energy Kentucky Case No. 2017-00321 Attorney General's First Set Data Requests Date Received: October 27, 2017

#### AG-DR-01-070

# **REQUEST:**

Describe how the Company's proposed environmental surcharge addresses the sale of emission allowances.

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# **RESPONSE:**

As shown on Attachment SEL-2, the template for the Company's proposed ESM, page 2 of 10 Line 6, the proceeds from the sale of emission allowances will be deducted in the calculation of the monthly jurisdictional revenue requirement, E(m).

PERSON RESPONSIBLE: Sarah E. Lawler

# **REQUEST:**

Provide the revenues and margins from the sale of emission allowances by FERC account/subaccount each month January 2015 through the most recent month for which actual information is available and projected for each month thereafter through the end of the test year.

# **RESPONSE:**

There has been only one sale of emission allowances since January 2015 as follows:

	Sale of Emission Allowances							
Year	ar Month Program Revenue Margin FERC Account							
2015	Jan	SO2	\$ 8,000	\$ 8,000	411.8			

The transaction represented a 100% gain to Duke Energy Kentucky as the WACl was zero. We do not forecast revenues or margin from the sale of emission allowances in the projected periods.

# PERSON RESPONSIBLE: David L. Doss, Jr. / Robert H. Pratt

# **REQUEST:**

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Refer to the Direct Testimony of Mr. Henning at page 35, lines 15-20. Provide a schedule showing all cost savings related to the AMI initiative that are reflected in the forecasted test period by FERC account.

# **RESPONSE:**

Pursuant to the settlement agreement in Case No. 2006-00152, the Company made a pro forma adjustment to the forecasted test period to reflect assumed savings of \$2,321,137, as shown on Schedule D-2.26 (with further details provided on workpaper WPD-2.26a). Although actual savings may be realized in various FERC Accounts, the pro forma adjustment was assumed to be in Customer Accounts expense (*e.g.*, meter reading).

PERSON RESPONSIBLE: Sarah E. Lawler

1

# **REQUEST:**

Refer to the Direct Testimony of Mr. Henning at page 35, limes 15-20. Provide a schedule showing all costs related to the AMI initiative that are reflected in the forecasted test period by FERC account.

## **RESPONSE:**

See response to AG-DR-01-40a for the capital costs related to the AMI initiative that are reflected in the forecasted test period. O&M costs related to the AMI initiative included in the test period are \$62,551 and have been included in FERC account 588.

**PERSON RESPONSIBLE:** Robert H. Pratt

#### AG-DR-01-074 PUBLIC

# **REQUEST:**

Reference the Stipulation approved by the Commission in Case No. 2016-00152, page 4, paragraph 4.a, which states "The Parties agree that in its next base electric rate case, estimated to be filed before December 31, 2019, Duke Energy Kentucky shall make appropriate adjustments to its rate case test period to reflect: 1) the projected deployment costs [or actual costs if deployment is completed]; 2) ongoing costs of operations; 3) an adjustment to reflect the non-fuel-related portion of the Benefit Type: Increased Revenues reflected in Confidential Exhibit DLS-4..."

- a. Provide a copy of Confidential Exhibit DLS-4 from Case No. 2016-00152.
- b. Projected capital costs (item 1, above) are located in Volume 1, Attachments
   FR 16(7)(b) and 16(7)(f), line 13. Pease indicate where item 2 and 3 are quantified in rate case test period adjustments or other locations in the Company's rate case Application, along with amounts for each item.
- c. Provide all workpapers, worksheets, calculations, estimates, assumptions, and other materials used to develop the rate case test year adjustments associated with the above-referenced items 2 and 3 from approved Stipulation paragraph 4.a. The amounts provided in response to 1.b should appear in/tie to amounts indicated in these materials.

#### **RESPONSE:**

# CONFIDENTIAL PROPRIETARY TRADE SECRET (As to Attachments Only)

 a. Please see attached AG-DR-01-074(a) Confidential Attachment, provided on CD.

b.

- i. The company has included \$490,478 in the test period related to Item
  2 (ongoing costs of operations) in Distribution Expense and Administration & General Expense on Schedule C2.
- ii. Item 3 (an adjustment to reflect the non-fuel-related portion of the Benefit Type: Increased Revenues reflected in Confidential Exhibit DLS-4) has been included on the proforma adjustment D-2.26 with further support included on WPD2.26a.

c.

- i. Amounts included in the forecasted test period were based on Confidential Exhibit DLS-4 from Case No. 2016-00152.
- ii. See WPD-2.26a. The source for WPD-2.26a is included on AG-DR-01-074(c) Confidential Attachment. This attachment was based on savings agreed upon in Case No. 2016-00152 revised to account for the delay in the project resulting from the Commission's order not being received until May 2017.

# PERSON RESPONSIBLE:

Don Schneider (a) & (c) Sarah E. Lawler (b-c)

# CONFIDENTIAL PROPRIETARY TRADE SECRET Attachment AG-DR-01-074(a)

# FILED UNDER SEAL

# CONFIDENTIAL PROPRIETARY TRADE SECRET Attachment AG-DR-01-074(c) FILED UNDER SEAL

# **REQUEST:**

Reference the Stipulation approved by the Commission in Case No. 2016-00152, page 4, paragraph 4.a, which states "The Parties agree that in its next base electric rate case, estimated to be filed before December 31, 2019, Duke Energy Kentucky shall make appropriate adjustments to its rate case test period to reflect: . . . 4) an adjustment to reflect the Operational Savings to date if a historic test year, and, if a forecasted test year, the forecasted Operational Savings that would be obtained during that test year; and 5) a pro-forma adjustment to account for the projected ongoing Operational Savings as reflected in Confidential Exhibit DLS-4, adjusted to factor in any Operational Savings degradation that may accrue due to the establishment of an electric AMI opt-out tariff as described below."

- a. Confirm that these amounts are represented in Company witness Lawless schedule D-1, Column D-2.26, adjustment "Customer Accounts Expense" of \$2,321,137 on line 17 (also reported on Lawler exhibit WPC-2e). If any of the "Operational Savings" associated with items 4 and 5 from approved Stipulation paragraph 4.a are presented elsewhere in the Company's application, please indicate the locations and amounts.
- b. Provide all workpapers, worksheets, calculations, estimates, assumptions, and other materials used to develop the rate case test year adjustments associated

with items 4 and 5 from approved Stipulation paragraph 4.a. The amounts provided in response to 2.a should appear in/tie to amounts indicated in these materials.

# **RESPONSE:**

- a. The pro forma adjustment to reduce Customer Accounts Expense by \$2,321,137, as shown on Schedule D-2.26, represents the adjustment the Company agreed to make in Case No. 2016-00152.
- b. See WPD-2.26a. The source for WPD-2.26a is included on AG-DR-01-074(c) Confidential Attachment (provided in response to AG-DR-01-74). That attachment was based on savings agreed upon in Case No. 2016-00152 revised to account for the delay in the project resulting from the Commission's order not being received until May 2017.

# PERSON RESPONSIBLE: Sarah E. Lawler

# **REQUEST:**

Reference the Stipulation approved by the Commission in Case No. 2016-00152, page 3, paragraph 2, which states, "The Parties agree that Duke Energy Kentucky shall establish a regulatory asset for the actual costs of the balance of the undepreciated value of the existing metering infrastructure upon retirement, including related inventory, as a result of the Metering Upgrade. The Parties agree that in its next base rate case, Duke Energy Kentucky shall propose an amortization period of fifteen years, for this regulatory asset, without carrying charges, for inclusion in the revenue requirement in the Company's electric base rates."

- a. Indicate where the regulatory asset and associated cost recovery (without carrying charges) specified in the approved Stipulation are quantified in rate case test period adjustments or other locations in the Company's rate case Application, along with the amounts for regulatory assets and cost recovery (without carrying charges).
- b. Provide all workpapers, worksheets, calculations, estimates, assumptions, and other materials used to calculate the amounts provided in the response to 3.a.
  The amounts provided in response to 3.a should appear in/tie to amounts indicated in these materials.

# **RESPONSE:**

- a. The regulatory asset and annual amortization are shown on WPD-2.16a.
- b. Please see AG-DR-01-076 Attachment, which is the workpaper used to create the amounts shown in WPD-2.16a.

PERSON RESPONSIBLE: Cynthia S. Lee

Duke Energy Kentucky

# **Deferred Meters Amortization Calculation**

Cost Meters Replacing of 5/31/17	11,170,643	See Tab 2
Depreciation Rate (annual)	5.82%	From Current Depreciation Study
Monthly Depreciation	54,178	
Months of Depreciation	10	See Note 1
Expected Total Depreciation	541,776	
Reserve as of 5/31/17	(3,669,909)	See Tab 2
Additional Depreciation	(541,776)	From Above
Estimated Reserve	(4,211,685)	
Estimated Reg Asset Balance	6,958,958	See Note 2
15 year Amortization	463,931	

# Note 1:

Meter replacement program will not start until Q4 2017 and will be in effect for a year, therefore all meters will depreciate for another 4 months (June - September 2017) and then on average another 6 months as an estimate.

### Note 2:

This calculation assumes no additions to current assets in service as of May 31, 2017.

#### Details From Fixed Asset System - Represents all Assets in FERC Account 370 as of May 31, 2017

Note: Asset reviewed this list with Operations to determine a value of Assets that will be replaced as part of the AMI Program. Rows shaded in Red will not be replaced as part of the AMI Program.

ow Labels		and the second se	Sum of Net Book Value	
Conv 2009 Meter Equipment	17177	and the second sec		
Elec Research meter	191	\$78,493	\$57,032	\$54,89
EM Group 1 - Standard Residential	7787	\$853,369	\$425,238	\$399,74
EM Group 2 - Small Comm & Specl Res	3146	\$483,058	\$292,455	\$279,32
EM Group 3 - Spl Sml Comm & Sml Ind	2274	\$771,133	\$429,826	\$409,32
EM Group 4 - Medium Comm / Ind	3572			\$538,99
EM Group 5 - Large Comm / Ind	136	\$67,045	\$31,930	\$29,81
EM Group 6 - Special Comm / Ind	11	\$6,290	\$3,715	\$3,56
Meter - Electric	60	\$7,971	\$4,418	\$4,09
Conv 2014 Meter Equipment	9	\$73,719	\$69,479	\$69,05
Conv 2014 Meter Equipment	9	\$73,719	\$69,479	\$69,05
EM Group 3 - Spl Sml Comm & Sml Ind	141	\$511,992	\$453,090	\$447,23
EM Group 3 - Spi Smi Comm & Smi ind	141	\$511,992	\$453,090	\$447,23
Instrumentation Transformers	6175	\$714,995	\$443,934	\$400,28
Instrumentation Transformers	50	\$270,507	\$251,576	\$248,52
Transformer: Current, > 0 = 600 volts	3671	\$222,742	\$77,932	\$54,61
Transformer: Potential, > 0 = 600 volts	2454	\$221,746	\$114,427	\$97,14
Meter, Multi-Phase	1010	\$535,467	\$483,571	\$479,21
Elec Research meter: 3 Phase	0	\$0		and the second sec
Electric meters: < 10 KW + Demand, 3 Phase	0			
Electric meters: < 10 KW, 3 Phase	0			
Electric meters: 10 < 500 KW, 3 Phase	0			
Electric meters: 3 Phase	2		\$2,348	
Meter Electric: 3 Phase Impulse	3		\$1,457	
Meter, Multi-Phase	1005		\$479,767	
Meter, Single Phase	73621	and only one of the second	\$5,042,830	the second second second second second second second second second second second second second second second se
Elec Research meter	17		\$1,967	state and the second descent descent of the second s
Elec Research meter: 1 Phase	414		\$40,573	
Elec Research meter: 3 Phase	0			and the second se
Electric meters:	1			
Electric meters: < 10 KW, 1 Phase	0	and the second se		
Electric meters: < 10 KW + Demand, 0 Phase	0			
Electric meters: < 10 KW + Demand, 1 Phase	3392			and the second se
Electric meters: < 10 KW, 0 Phase	0			
Electric meters: < 10 KW, 1 Phase	36641	*-		
Electric meters: < 10 KW, 3 Phase	0			
Electric meters: > 499 KW, 1 Phase	0			
Electric meters: 1 Phase	0			
Electric meters: 10 < 500 KW, 1 Phase	-1			
EM Group 2 - Small Comm & Speci Res	-1			
Meter - Electric	1		\$1,396	
	12		\$60	\$57
Meter - Electric: 1 Phase		1.000	\$2,299	
Meter, Single Phase	33133		\$2,524,792	
Non-unitized	102	in the second se	\$1,206,613	\$1,200,643
AMI Electric Meters	0	*/*	\$0	
AMI White Tower TB2 Advanced Meter	0		\$0	
Assemble Meter Sets	57		\$149,237	\$147,070
Electric Meter Blanket - Kentucky - replace electric meters not charged to	26		\$1,000,103	\$996,799
Install AMI meters for Large Commercial and Industrial customers in DEK.	0	\$0	\$0	\$0
METERS - PRIOR YEAR PURCHASES TRANSFERRED 1975 CONTEMPLAT				\$0
Non-unitized	0			
PURCHASE METERS INSTRUMENT TRANSFRMRSTIMING DEVICES	17	\$62,312	\$57,274	\$56,773
Scrap Meters	1	\$0	\$0	\$0
SG DEK Reserve Capacity Meters	0	\$0	\$0	\$0
ULH&P 2000 ELEC METER To Close Blanket Work Orders For Project 9246	0	\$0	\$0	\$0
ULH&P 2001 ELEC METER To Close Blanket Work Orders For Project 9246	0	\$0	\$0	\$0
ULH&P 2002 ELEC METER To Close Blanket Work Orders For Project 924C				\$0
ULH&P 2003 ELEC METER To Close Blanket Work Orders For Project 924C	0	\$0		\$0
and Total	98235			

For B-Schedules	Cost	Life NBV	Reserve
Meters Being Replaced	\$11,170,643	7,500,734.05	(3,669,909.06)
Not being Replaced	1,106,005.78	868,128.43	(237,877.35)
AMI (Meters in Account 3702)	395,744.77	390,417.77	(5,327.00)
Transformers - 101*	\$714,995	400,284.30	(314,710.78)
	13,387,388.74	9,159,564.55	(4,227,824.19)

\*Only Showed Transformers in Acount 101 since non-unitized amounts may change.

# **REQUEST:**

Reference the Stipulation approved by the Commission in Case No. 2016-00152, pages 3-4, paragraphs 3.a, 3.b, and 3.c, which states that any AMI cost-overruns must be specifically identified on an itemized basis in further rate cases, that there will be no degradation of promised AMI capabilities or benefits due to cost overruns, and that the Company will seek additional cost-saving opportunities from AMI deployment.

- a. Relative to the costs provided in confidential exhibit DLS-4 provided by the Company in Case No. 2016-00152, please identify the source of, and quantify the amount of, any cost-overruns included in the rate case test period.
- b. Identify the source of, and estimate the ultimate amount and impact of, any cost-overruns the Company has become aware of, or believes to be likely, relative to confidential exhibit DLS-4 now that the AMI deployment is underway.
- c. If any cost-overruns are identified or likely, please explain any and all accommodations the Company will make to ensure no degradation in capabilities or benefits.
- d. Describe any efforts the Company may have conducted to seek additional cost-saving opportunities from AMI since the CPCN was conditionally

approved. Please describe and quantify the benefits of any additional savings opportunities which may have been identified through these efforts.

# **RESPONSE:**

- a. Duke Energy Kentucky does not anticipate cost overruns on its AMI deployment project relative to the total costs provided by the Company in Case No. 2016-00152.
- b. See response to AG-DR-01-077(a).
- c. See response to AG-DR-01-077(a).
- d. More recent cost estimates, used in developing rates in this case, expected the AMI deployment to cost less overall than what was estimated at the time of Case No. 2016-00152, as demonstrated in Duke Energy Kentucky's response to AG-DR-01-073. The lower cost estimates are based upon discounted material costs due to the volume of Itron devices being deployed by Duke Energy across multiple jurisdictions, lower meter installation contract labor due to favorable bidding of work, and project management labor and overhead costs based on sharing resources across multiple AMI efforts in multiple Duke Energy jurisdictions.

# PERSON RESPONSIBLE: Don Schneider

#### **REQUEST:**

Reference the Stipulation approved by the Commission in Case No. 2016-00152, page 9, paragraph 6, related to the Peak Time Rebate pilot the Company must conduct. Provide an update of the development of the Peak Time Rebate pilot.

#### **RESPONSE:**

As part of the settlement of Case No. 2016-00152, as referenced above, the Company committed that "[n]o later than six months from completion of the Metering Upgrade Deployment, Duke Energy Kentucky commits to design and propose for Commission review and approval, a Residential Peak-Time Rebate Voluntary Pilot (PTR Pilot)."

The Commission issued its order approving the Settlement on May 25, 2017. Upon approval, the Company needed time to dedicate the resources and acquire the equipment to commence deployment. As a result, the actual Metering Upgrade deployment did not begin until August 2017 and, due to the timing of the Commission's order, deployment completion is now targeted for late 2018. The Company has not yet begun the design of the PTR Pilot as the Metering Upgrade deployment itself has only recently commenced. However, resources for this effort are being identified and discussions are occurring regarding design options for the pilot filing. Once the pilot program is designed, it must first be approved by the Company's DSM collaborative process before it can be filed for Commission approval.

#### **PERSON RESPONSIBLE:** Bruce L. Sailers

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# **REQUEST:**

Reference the Stipulation approved by the Commission in Case No. 2016-00152, page 12, paragraph 7, related to customer access to interval usage data. Provide an update of the development of the interval usage data download capability.

# **RESPONSE:**

Once Duke Energy Kentucky customers have a certified AMI meter, they can view and download their hourly interval usage data through the Company's web portal.

PERSON RESPONSIBLE: Sasha Weintraub
## **REQUEST:**

Reference the Stipulation approved by the Commission in Case No. 2016-00152, paragraph 8, page 12, related to semi-annual deployment update reports. Provide a target date for the delivery of the first semi-annual deployment update report.

## **RESPONSE:**

Duke Energy Kentucky began its AMI deployment in August 2017. The Company plans to provide its semi-annual deployment update reports with data as of the end of December and the end of June. The Company has not yet determined how long it will take to compile all the end of December 2017 data, but targets a delivery date data of its first semi-annual deployment update report in the first quarter of 2018.

## PERSON RESPONSIBLE: Don Schneider

## **REQUEST:**

Reference the Stipulation approved by the Commission in Case No. 2016-00152, paragraph 8, page 13, related to the usage alert program. Provide an update on the development of the usage alert program.

### **RESPONSE:**

The Usage Alert program was made available to eligible Duke Energy Kentucky customers in June 2017. The program requires an AMI meter, so enrollments to-date are small. As AMI meters continued to be deployed, eligible customers will be enrolled into the program. Once an enrolled, a customer will receive a mid-cycle report indicating their estimated spend to-date for the month based on actual usage as provided by the AMI meter. Once a customer is enrolled in the program he or she will have the capability to do the following: set budget thresholds and receive alerts when they have exhausted 75% and 90% of their threshold, change their alert to be received via text message, and to unenroll in the program.

The program currently has 874 customers enrolled and 1,711 messages have been sent.

## **PERSON RESPONSIBLE:** Sasha Weintraub

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## **REQUEST:**

Reference the Stipulation approved by the Commission in Case No. 2016-00152, paragraph 9, page 13, related to revisions in reconnection fees for customers with smart meters (to reflect the reduced cost of reconnections for customers with smart meters) the Company promised in its next rate case. The proposed clean tariff provided by the Company in this case shows no revision to reconnection fees for customers with smart meters. Explain why no revision of reconnection fees was included in the proposed clean tariff provided by the Company in this case, and propose a remedy to this apparent oversight.

#### **RESPONSE:**

The reconnection charge tariff sheet separates the charge for a remote reconnection compared to a non-remote (i.e., on-site) reconnection. The loaded average labor rate for field operations personnel is used as the cost proxy for both remote and non-remote reconnection. This is similar to remote reconnection charge calculations used in other Duke Energy service areas such as Duke Energy Ohio. The Company's total revenue requirement includes the proposed reconnection charges. To the extent a different labor rate or reconnection charge is approved by the Commission, the Company's revenue requirement must also be adjusted. While the Company believes its reconnection charges are reasonable and supportable, the Company is amenable to consider using an alternative labor rate reflecting call center resources that handle reconnection calls for remote reconnection charge calculations. This call center labor rate will produce a lower remote reconnection charge and creates a corresponding need to adjust the Company's other assumed test year revenues as a result of the reduction in reconnection revenues.

## **PERSON RESPONSIBLE:** Bruce L. Sailers

## **REQUEST:**

Refer to FR 16(1)(b)(5) Exhibit A, page 23 of 33. Provide all workpapers and calculations used to determine the proposed costs in sections (A) through (F). Further, provide explanations of the costs and how they were determined, including any assumptions.

### **RESPONSE:**

Reconnection charge calculations can be found in Sailers' testimony attachment BLS-5. Explanations of how these costs are determined is provided below.

- (A) The \$25 remote reconnection calculation is found on line 28 of the above referenced file. It assumes 0.25 hours to complete the reconnection. The \$75 non-remote reconnection calculation is found on line 29 of the above referenced file. It assumes 0.75 hours to complete the reconnection.
- (B) The same charge calculations and assumptions referenced in (A) above are applicable.
- (C) The same charge calculations and assumptions referenced in (A) above are applicable.
- (D) The instant case requests an increase in electric charges. Gas charges are not proposed to change. Therefore, the maximum charge of \$88 is determined by adding the non-remote electric reconnection charge of \$75 discussed in (A) above

plus the differential seen in the current tariff sheet (i.e., \$38 - \$25), \$13, resulting in a total maximum charge of \$88.

- (E) The instant case requests an increase in electric charges. Gas charges are not proposed to change. Therefore, the charge of \$150 is determined by adding the non-remote electric reconnection at the pole charge of \$125 found on line 30 of the above referenced file plus the differential seen in the current tariff sheet (i.e., \$90 \$65), \$25, resulting in a total charge of \$150. The non-remote reconnection at the pole charge of \$125 assumes 1.1 hours to complete the reconnection.
- (F) The incremental charge for non-remote after hours reconnection, is described in the comment attached to cell H31 of the above referenced file. It is determined by subtracting the non-remote reconnection charge from the non-remote after hours reconnection charge (i.e., 100 - 75 = 25). The non-remote after hours reconnection charge assumes 0.85 hours to complete the reconnection.

## PERSON RESPONSIBLE: Bruce L. Sailers

# **REQUEST:**

For each of the last three calendar years, provide monthly peak demands for total retail Duke Energy Kentucky. In this response, please also provide the date and time of each monthly coincident peak demand. Provide in executable electronic format (Excel).

# **RESPONSE:**

Please see STAFF-DR-02-004 response d.

PERSON RESPONSIBLE: James E. Ziolkowski

# **REQUEST:**

For each of the last three calendar years, provide monthly coincident peak demands for each retail Duke Energy Kentucky customer class (as utilized in the class cost of service study). In this response, please also provide the date and time of each monthly coincident peak demand. Provide in executable electronic format (Excel).

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### **RESPONSE:**

Please see AG-DR-01-085 Attachment.

PERSON RESPONSIBLE: James E. Ziolkowski

Duke Energy Kentucky Case No. 2017-00321 AG-DR-01-085 Attachment Page 1 of 4

Hourly profile data provided is shown using "prevailing" time (EST/EDT, where appropriate)

Rate Class	Description						
RS	Residential						
DS	Distribution Secondary (Aggregation: Small/Medium and Large)						
DP	Distribution Primary						
Π	Transmission TOU						
DT-P	Distribution Primary TOU						
DT-S	Distribution Secondary TOU						
' EH	Electric Heat (DS)						
	RS DS DP TT DT-P DT-S						

# Notes:

Midwest rates are not segregated by Commercial & Industrial customers.

\* EH: Oct-May only. During summer, accounts are represented in DS class.

Duke Energy Kentucky Coincident Demand @ System Pea KW @ customer meter level (by )	Data *EH		Duke Energy Kentucky Case No. 2017-00321 AG-DR-01-085 Attachment Page 2 of 4						
Date	HourEnding	KY_RS	KY_DS	KY_DP	ку_тт	KY_DTP	KY_DTS	кү_ен	
1/18/2016	20	307,280	153,248	2,492	28,295	57,514	81,381	3,828	
2/10/2016	20	289,172	149,875	2,366	<b>30,45</b> 1	58,904	83,213	4,109	
3/3/2016	20	239,538	130,749	2,246	27,163	56,924	80,296	3,310	
4/26/2016	17	159,833	178,149	2,634	28,847	63,686	88,558	2,813	
5/31/2016	17	290,427	207,512	2,838	28,507	66,181	89,352	2,413	
6/20/2016	18	333,680	206,588	2,202	30,075	70,329	93,248	•	
7/25/2016	15	299,123	238,872	2,585	29,986	74,805	103,929		
8/11/2016	16	306,546	229,368	2,494	30,426	73,994	105,325	•	
9/7/2016	16	294,285	239,469	2,479	29,470	77,938	102,932		
10/6/2016	17	<b>2</b> 21, <b>8</b> 12	192,988	1,870	28,068	65,610	100,189	3,288	
11/22/2016	8	232,027	140,516	1,383	27,593	58,155	84,182	5,077	
12/15/2016	8	276,892	159,989	1,575	29,602	59,696	87,590	7,165	

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Duke Energy Kentucky	Year of Data: 201	5	Data is shown using "prevailing" time (EST/EDT, where appropriate)						Duke Energy Kentucky Case No. 2017-00321
Coincident Demand @ System Pea KW @ customer meter level (by a		*EH rate class: Oct-May only. During summer, accounts are represented in DS class						AG-DR-01-085 Attachment Page 3 of 4	
Date	HourEnding	KY_RS	KY_DS	KY_DP	кү_тѕ	KY_DTP	KY_DTS	KY_EH	
1/8/2015	- 8	359,388	165,437	2,491	31,024	60,694	87,789	7,395	

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2/20/2015	8	372,085	167,665	2,424	28,087	61,622	85,992	6,348
3/6/2015	8	324,143	142,435	2,290	28,024	58,254	83,049	5,770
4/13/2015	21	176,959	120,391	2,321	27,789	59,034	81,169	1,822
5/29/2015	18	253,446	184,441	2,936	28,382	64,055	91,615	2,253
6/23/2015	17	319,606	217,705	3,349	27,847	68,231	104,614	
7/29/2015	15	280,711	233,590	3,467	30,316	75,397	110,559	
8/10/2015	17	296,653	213,448	3,280	28,701	72,273	103,764	
9/8/2015	17	308,557	222,451	3,223	29,336	75,623	101,901	
10/8/2015	16	136,376	186,088	2,410	29,581	67,939	96,798	2,630
11/23/2015	8	212,948	141,821	2,061	<b>24,9</b> 5,8	56,151	78,553	5,358
12/18/2015	19	288,950	142,759	2,237	25,728	55,968	73,494	3,121

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Duke Energy KentuckyYear of Data: 2014Coincident Demand @ System Peak HourKW @ customer meter level (by rate class/schedule)			Data *EH	Duke Energy Kentucky Case No. 2017-00321 AG-DR-01-085 Attachment Page 4 of 4					
Date	HourEnding	KY_RS	KY_DS	KY_DP	кү_тт	KY_DTP	KY_DTS	КҮ_ЕН	
1/6/2014	20	404,137	158,763	4,096	33,216	57,343	81,614	5,465	
2/11/2014	8	348,735	159,005	4,051	35,308	60,416	86,138	7,826	
3/4/2014	8	279,396	142,693	4,047	30,974	58,735	79,818	6,905	
4/16/2014	8	229,591	127,200	4,022	29,147	58,190	81,018	4,659	
5/27/2014	18	301,676	185,606	4,428	29,772	64,414	94,290	2,417	
6/18/2014	18	333,630	201,026	3,562	31,379	68,704	106,005	•	
7/1/2014	18	360,585	203,759	3,470	29,662	68,777	98,803	•	
8/27/2014	17	303,331	211,899	3,990	30,615	73,271	110,966		
9/5/2014	17	353,617	213,653	3,404	32,464	71,308	105,447		
10/2/2014	16	177,620	195,162	2,816	33,311	73,464	99,987	3,368	
11/18/2014	19	291,547	156,993	2,314	30,322	60,535	83,768	3,509	
12/17/2014	19	283,739	154,398	2,375	31,541	59,157	81,955	3,390	

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