Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6047(e), 6057(b), and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110
1210-0089

2011

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

A This return/report is for:
- [ ] a multiemployer plan;
- [ ] a multiple-employer plan; or
- [X] a single-employer plan;
- [ ] a DFE (specify) ____

B This return/report is:
- [ ] the first return/report;
- [ ] the final return/report;
- [ ] an amended return/report;
- [ ] a short plan year return/report (less than 12 months).

C If the plan is a collectively-bargained plan, check here. . . . . ▶ [X]

D Check box if filing under:
- [X] Form 5558;
- [ ] automatic extension;
- [ ] the DFVC program;
- [ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
CINERGY CORP. UNION EMPLOYEES' RETIREMENT INCOME PLAN

1b Three-digit plan number (PN) ▶ 009

1c Effective date of plan 12/31/1946

2a Plan sponsor's name and address, including room or suite number (Employer, if for single-employer plan)

DUKE ENERGY CORPORATION

550 SOUTH TRYON STREET DEC 38A
CHARLOTTE, NC 28203

2b Employer Identification Number (EIN) 20-2777218

2c Sponsor's telephone number 704-382-5289

2d Business code (see instructions) 221100

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/13/2012	PETER KOSTIW
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/13/2012	PETER KOSTIW
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address (if same as plan sponsor, enter "Same")
DUKE ENERGY CORPORATION BENEFITS COMMITTEE

550 SOUTH TRYON STREET DEC 38D
CHARLOTTE, NC 28203

3b Administrator's EIN
20-2777218

3c Administrator's telephone number
704-382-5289

4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report:
a Sponsor's name

4b EIN

4c PN

5	Total number of participants at the beginning of the plan year	**5**	4317
6	Number of participants as of the end of the plan year (welfare plans complete only lines **6a, 6b, 6c,** and **6d**).		
a	Active participants	**6a**	1940
b	Retired or separated participants receiving benefits	**6b**	1295
c	Other retired or separated participants entitled to future benefits	**6c**	482
d	Subtotal. Add lines **6a**, **6b**, and **6c**	**6d**	3717
e	Deceased participants whose beneficiaries are receiving or are entitled to receive benefits	**6e**	449
f	Total. Add lines **6d** and **6e**	**6f**	4166
g	Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	
h	Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	51
7	Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:
1A 1C 1G 3H

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

9a Plan funding arrangement (check all that apply)

(1)		Insurance
(2)		Code section 412(e)(3) insurance contracts
(3)	X	Trust
(4)		General assets of the sponsor

9b Plan benefit arrangement (check all that apply)

(1)		Insurance
(2)		Code section 412(e)(3) insurance contracts
(3)	X	Trust
(4)		General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

(1)	X	**R** (Retirement Plan Information)
(2)		**MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
(3)	X	**SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

(1)	X	**H** (Financial Information)
(2)		**I** (Financial Information – Small Plan)
(3)		**A** (Insurance Information)
(4)	X	**C** (Service Provider Information)
(5)	X	**D** (DFE/Participating Plan Information)
(6)		**G** (Financial Transaction Schedules)

SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit Plan Actuarial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

2011

This Form is Open to Public Inspection

For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan
CINERGY CORP. UNION EMPLOYEES' RETIREMENT INCOME PLAN

B Three-digit plan number (PN) ▶ 009

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
DUKE ENERGY CORPORATION

D Employer Identification Number (EIN)
20-2777218

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [ ] 100 or fewer [ ] 101-500 [X] More than 500

Part I Basic Information

1	Enter the valuation date: Month 01 Day 01 Year 2011			
2	Assets:			
a	Market value		**2a**	553302899
b	Actuarial value		**2b**	539265710
3	Funding target/participant count breakdown:		**(1)** Number of participants	**(2)** Funding Target
a	For retired participants and beneficiaries receiving payment	**3a**	1722	231113762
b	For terminated vested participants	**3b**	525	14892565
c	For active participants:			
	(1) Non-vested benefits	**3c(1)**		39164124
	(2) Vested benefits	**3c(2)**		208828249
	(3) Total active	**3c(3)**	2070	247992373
d	Total	**3d**	4317	493998700
4	If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]			
a	Funding target disregarding prescribed at-risk assumptions		**4a**	
b	Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor		**4b**	
5	Effective interest rate		**5**	6.29 %
6	Target normal cost		**6**	15017961

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE

Signature of actuary

MICHAEL J. THOMAS, FSA, EA

Date
11-05799

Type or print name of actuary

TOWERS WATSON PENNSYLVANIA INC.

Most recent enrollment number
404-365-1933

Firm name

3500 LENOX ROAD SUITE 900
ATLANTA, GA 30326-4238

Telephone number (including area code)

Address of the firm

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

Part II Beginning of year carryover and prefunding balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	45453629	65572000
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	9037191	0
9	Amount remaining (line 7 minus line 8)	36416438	65572000
10	Interest on line 9 using prior year's actual return of 13.96%	5083735	9153851
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38 from prior year)		27021100
b	Interest on (a) using prior year's effective rate of 6.68 % except as otherwise provided (see instructions)		1805009
c	Total available at beginning of current plan year to add to prefunding balance		28826109
d	Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	41500173	74725851

Part III Funding percentages

14	Funding target attainment percentage	14	85.63 %
15	Adjusted funding target attainment percentage	15	109.16 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	90.87 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and liquidity shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
12/16/2011	49000000				
			Totals ► 18(b)	49000000	18(c) 0

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
a	Contributions allocated toward unpaid minimum required contributions from prior years.	19a	0
b	Contributions made to avoid restrictions adjusted to valuation date	19b	0
c	Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	46233742

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? [X] Yes [ ] No

b If 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] Yes [ ] No

c If 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions used to determine funding target and target normal cost

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	
3.78%	6.31%	6.57 %	☐ N/A, full yield curve used

b Applicable month (enter code)	**21b**	4
22 Weighted average retirement age	**22**	61

23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute

Part VI Miscellaneous items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.	☒ Yes	☐ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.	☒ Yes	☐ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	☒ Yes	☐ No

27 If the plan is eligible for (and is using) alternative funding rules, enter applicable code and see instructions regarding attachment	**27**	

Part VII Reconciliation of unpaid minimum required contributions for prior years

28 Unpaid minimum required contributions for all prior years	**28**	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	**29**	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	**30**	0

Part VIII Minimum required contribution for current year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6)	**31a**	15017961
b Excess assets, if applicable, but not greater than 31a	**31b**	

32 Amortization installments:

	Outstanding Balance	Installment
a Net shortfall amortization installment	0	0
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	**33**	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	**34**	15017961

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	9812302	0	9812302

36 Additional cash requirement (line 34 minus line 35)	**36**	5205659
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	46233742

38 Present value of excess contributions for current year (see instructions)

a Total (excess, if any, of line 37 over line 36)	**38a**	41028083
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	**38b**	9812302
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	**39**	0
40 Unpaid minimum required contributions for all years	**40**	0

Part IX Pension funding relief under Pension Relief Act of 2010 (see instructions)

41 If a shortfall amortization base is being amortized pursuant to an alternative amortization schedule:

a Schedule elected ☐ 2 plus 7 years ☐ 15 years

b Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

42 Amount of acceleration adjustment	**42**	
43 Excess installment acceleration amount to be carried over to future plan years	**43**	

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ **File as an attachment to Form 5500.**	**2011** **This Form is Open to Public Inspection.**

For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

A Name of plan	**B** Three-digit plan number (PN) ▶
CINERGY CORP. UNION EMPLOYEES' RETIREMENT INCOME PLAN	009
C Plan sponsor's name as shown on line 2a of Form 5500	**D** Employer Identification Number (EIN)
DUKE ENERGY CORPORATION	20-2777218

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. . . . . ☐ Yes ☐ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)

(complete as many entries as needed)

a Name: JENNIFER A. YANULAVICH
b EIN: 36-2235791
c Position: ENROLLED ACTUARY
d Address: HEWITT ASSOCIATES
201 SOUTH COLLEGE STREET
CHARLOTTE, NC 28244
e Telephone: 704-347-0100

Explanation: CHANGE IN RESPONSIBLE FIRM

a Name:
b EIN:
c Position:
d Address:
e Telephone:

Explanation:

a Name:
b EIN:
c Position:
d Address:
e Telephone:

Explanation:

a Name:
b EIN:
c Position:
d Address:
e Telephone:

Explanation:

a Name:
b EIN:
c Position:
d Address:
e Telephone:

Explanation:

SCHEDULE D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2011

This Form is Open to Public Inspection.

For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

A Name of plan
CINERGY CORP. UNION EMPLOYEES' RETIREMENT INCOME PLAN

B Three-digit plan number (PN) ▶ 009

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
DUKE ENERGY CORPORATION

D Employer Identification Number (EIN)
20-2777218

Part I Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)

(Complete as many entries as needed to report all interests in DFEs)

a Name of MTIA, CCT, PSA, or 103-12 IE: DUKE ENERGY RETIREMENT TRUST

b Name of sponsor of entity listed in (a): DUKE ENERGY CORPORATION

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103 12 IE at end of year (see instructions)
20-2777218-005	M	579813505

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103 12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103- 12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103- 12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103- 12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103- 12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103- 12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name	
b Name of plan sponsor	**c** EIN-PN
a Plan name	
b Name of plan sponsor	**c** EIN-PN
a Plan name	
b Name of plan sponsor	**c** EIN-PN
a Plan name	
b Name of plan sponsor	**c** EIN-PN
a Plan name	
b Name of plan sponsor	**c** EIN-PN
a Plan name	
b Name of plan sponsor	**c** EIN-PN
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a Plan name	
b Name of plan sponsor	**c** EIN-PN
a Plan name	
b Name of plan sponsor	**c** EIN-PN
a Plan name	
b Name of plan sponsor	**c** EIN-PN
a Plan name	
b Name of plan sponsor	**c** EIN-PN

SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2011

This Form is Open to Public Inspection

For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

A Name of plan
CINERGY CORP. UNION EMPLOYEES' RETIREMENT INCOME PLAN

B Three-digit plan number (PN) ▶ 009

C Plan sponsor's name as shown on line 2a of Form 5500
DUKE ENERGY CORPORATION

D Employer Identification Number (EIN)
20-2777218

Part I Asset and Liability Statement

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a	193452	799110
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other	1b(3)	4547511	4355176
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)		
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)	571150978	579813505
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)		
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)		

		(a) Beginning of Year	(b) End of Year
1d Employer-related investments:			
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	575891941	584967791
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j	14176025	3004678
k Total liabilities (add all amounts in lines 1g through1j)	1k	14176025	3004678
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	561715916	581963113

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: **(A)** Employers	2a(1)(A)	49000000	
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		49000000
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)		
(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		0
(2) Dividends: **(A)** Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		0
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		0

		(a) Amount	(b) Total
2b (5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		6352402
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		
d Total income. Add all **income** amounts in column (b) and enter total	2d		55352402
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	33882114	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		33882114
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	1706713	
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		1706713
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		35588827
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		19763575
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		483623

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unqualified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☒ Yes ☐ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: MCCONNELL & JONES, LLP (2) EIN: 76-0488832

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete 4j and 4l. MTIAs also do not complete 4l.

During the plan year:

		Yes	No	Amount
a	Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	**4a**		X	
b	Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	**4b**		X	
c	Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	**4c**		X	
d	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	**4d**		X	
e	Was this plan covered by a fidelity bond?	**4e**	X		25000000
f	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	**4f**		X	
g	Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	**4g**		X	
h	Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	**4h**		X	
i	Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	**4i**		X	
j	Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	**4j**		X	
k	Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	**4k**		X	
l	Has the plan failed to provide any benefit when due under the plan?	**4l**		X	
m	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	**4m**		X	
n	If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	**4n**			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? If "Yes," enter the amount of any plan assets that reverted to the employer this year ☐ **Yes** ☒ **No** **Amount:**

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	**5b(2)** EIN(s)	**5b(3)** PN(s)
CINERGY CORP NON-UNION EMPLOYEES' PENSION PLAN	20-2777218	011

SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Retirement Plan Information

This schedule is required to be filed under section 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2011

This Form is Open to Public Inspection.

For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

A Name of plan
CINERGY CORP. UNION EMPLOYEES' RETIREMENT INCOME PLAN

B Three-digit plan number (PN) ▶ 009

C Plan sponsor's name as shown on line 2a of Form 5500
DUKE ENERGY CORPORATION

D Employer Identification Number (EIN)
20-2777218

Part I Distributions

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions **1**

2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):

EIN(s): 36-3046063

Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.

3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year **3** 164

Part II Funding Information (If the plan is not subject to the minimum funding requirements of section of 412 of the Internal Revenue Code or ERISA section 302, skip this Part)

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ..... ☐ **Yes** ☒ **No** ☐ **N/A**

If the plan is a defined benefit plan, go to line 8.

5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month _____ Day _____ Year _____

If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.

6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) **6a**

b Enter the amount contributed by the employer to the plan for this plan year **6b**

c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount) **6c**

If you completed line 6c, skip lines 8 and 9.

7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ..... ☒ **Yes** ☐ **No** ☐ **N/A**

Part III Amendments

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ..... ☐ **Increase** ☐ **Decrease** ☐ **Both** ☒ **No**

Part IV ESOPs (see instructions). If this is not a plan described under Section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ..... ☐ **Yes** ☐ **No**

11 a Does the ESOP hold any preferred stock? ..... ☐ **Yes** ☐ **No**

b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ..... ☐ **Yes** ☐ **No**

12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ..... ☐ **Yes** ☐ **No**

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete items 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year	**14a**	
b The plan year immediately preceding the current plan year	**14b**	
c The second preceding plan year	**14c**	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	**15a**	
b The corresponding number for the second preceding plan year	**15b**	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	**16a**	
b If item 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	**16b**	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

19 If the total number of participants is 1,000 or more, complete items (a) through (c)

a Enter the percentage of plan assets held as:
Stock: 53% Investment-Grade Debt: 32% High-Yield Debt: 0% Real Estate: 4% Other: 11%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☒ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate item 19(b)?
☐ Effective duration ☐ Macaulay duration ☒ Modified duration ☐ Other (specify):

Cinergy Corp. Union Employees' Retirement Income Plan

Independent Auditors' Report and Financial Statements

December 31, 2011 and 2010

Cinergy Corp. Union Employees' Retirement Income Plan
Table of Contents
December 31, 2011 and 2010

Independent Auditors' Report 1

Financial Statements

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Statement of Changes in Net Assets Available for Benefits 3

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McCONNELL & JONES LLP
CERTIFIED PUBLIC ACCOUNTANTS

Independent Auditors' Report

3040 Post Oak Blvd.,
Suite 1600
Houston, TX 77056
Phone: 713.968.1600
Fax: 713.968.1601

WWW.MCCONNELLJONES.COM

Cinergy Corp. Union Employees' Retirement Income Plan
Statements of Net Assets Available for Benefits
December 31, 2011 and 2010
(in millions)

	2011	2010
Assets:		
Investments at fair value:		
Plan interest in Duke Energy Corporation Master Retirement Trust	$ 571.3	$ 562.7
Net assets held in 401(h) account	8.5	8.5
Total investments	579.8	571.2
Receivables:		
Accrued interest and dividend income	3.2	2.6
Receivables for securities sold	1.2	2.0
Total receivables	4.4	4.6
Cash	0.8	0.2
Total assets	585.0	576.0
Liabilities:		
Due to Cinergy Corp. Non-Union Employees' Pension Plan	1.6	2.1
Payables for securities purchased	1.4	12.1
Amounts related to obligation of 401(h) account	8.5	8.5
Total liabilities	11.5	22.7
Net Assets Available for Benefits	$ 573.5	$ 553.3

Cinergy Corp. Union Employees' Retirement Income Plan
Statement of Changes in Net Assets Available for Benefits
For the Year Ended December 31, 2011
(in millions)

Additions:		
Plan interest in Duke Energy Corporation Master Retirement Trust net income	$	6.2
Employer contribution		49.0
Total additions		55.2
Deductions:		
Benefits paid directly to participants		33.9
Administrative expenses		1.6
Total deductions		35.5
Net Increase Prior to Transfer		19.7
Net Transfer To Other Plan		
Cinergy Corp. Non-Union Employees' Pension Plan		0.5
Net Increase After Transfer		20.2
Net Assets Available for Benefits – Beginning of Year		553.3
Net Assets Available for Benefits – End of Year	$	573.5

Note 1: Description of the Plan

The following description of the Cinergy Corp. Union Employees' Retirement Income Plan (the Plan), is provided for general information purposes only. Participants should refer to the Summary Plan Description and Plan document for a more complete description of the Plan's provisions.

General

The Plan is a noncontributory defined benefit pension plan covering hourly, weekly and bi-weekly paid employees of Duke Energy Corporation (Duke Energy) and participating affiliates (collectively referred to as the Employing Company) represented by the following collective bargaining organizations:

- Utility Workers Union of America Local 600
- International Brotherhood of Electrical Workers, Local 1347 and Local 352
- United Steelworkers of America, Local 12049 and Local 5541-06
- Employees' Representation Association
- UNITE HERE Local 1995

The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA).

Pension Benefits

For employees with a traditional formula benefit, the benefit is generally calculated based on the participant's years of participation and final three-year average annual pension-eligible earnings. Annual compensation that may be considered for benefit purposes is limited to a maximum amount ($245,000 for 2011 and subject to adjustment in subsequent years by the Internal Revenue Service (IRS) for increases in the cost of living). The Plan permits early retirement at age 50 with three years of service. Employees may elect to receive their pension benefits in annuity forms, or if eligible, in a lump sum form. If employees terminate before rendering three years of service, they generally forfeit the right to receive their accumulated plan benefits.

Employees in the cash balance formula have a notional account which grows with annual pay and interest credits. Participants in the cash balance formula are eligible to take a distribution of their vested cash balance account in the Plan whenever they leave the Employing Company, at any age, for any reason. Employees may elect to receive their cash balance benefits in annuity or lump sum forms. Employees hired on or after January 1, 2003, are required to participate in the cash balance formula of the Plan.

Vesting service determines the right to receive a benefit if employment ends before qualifying for normal or early retirement. An employee becomes vested under the Plan after completion of three years of vesting service or upon death, disability or attainment of age 65 while employed by Duke Energy and its participating and non-participating affiliated companies. Vesting service does not begin before age 18.

401 (h) Account

On September 12, 2007, the Plan was amended to clarify provisions permitting, under Section 401(h) of the Internal Revenue Code (IRC) the funding of postretirement medical benefits in a separate trust account, and in 2007, the Employing Company commenced such funding. Employing Company contributions are discretionary and are determined annually. No contributions were made by the Employing Company to the Cinergy Union Employees' Retirement Income Plan 401(h) account in 2011 or 2010. Participants do not contribute to the 401(h) account. Payment of benefits from the 401(h) account, which will begin on or after January 1, 2013, is limited to medical expenses reimbursable under retiree coverage provided by the Duke Energy Health & Welfare Benefit (Financed) Plans. Other Plan assets may not be used to fund postretirement medical benefits and the 401(h) account may not be used to fund Plan retirement benefits. The obligations of the Duke Energy Health & Welfare Benefit (Financed) Plans are not obligations of the Plan. Duke Energy Health & Welfare Benefit (Financed) Plan's obligations are reflected in the financial statements of that plan.

Note 2: Summary of Significant Accounting Policies

Basis of Accounting

The accompanying financial statements have been prepared on the accrual basis of accounting in conformity with accounting principles generally accepted in the United States of America (US GAAP).

Use of Estimates

The preparation of the financial statements in conformity with US GAAP requires Plan management to make estimates and assumptions that affect the reported amounts of assets, liabilities and changes therein, disclosure of contingent assets and liabilities and the actuarial present value of accumulated plan benefits at the date of the financial statements. Actual results could differ from those estimates.

Risks and Uncertainties

The Plan invests in various investment securities that are exposed to various risks, such as interest rates, credit, and overall market volatility. Market values of investments may decline for a number of reasons, including changes in prevailing market and interest rates, increases in defaults and credit rating downgrades. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that some changes could materially affect the amounts reported in the Statements of Net Assets Available for Benefits.

Plan contributions are made and the actuarial present value of accumulated plan benefits are reported based on certain assumptions pertaining to interest rates, inflation rates and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimations and assumptions process, it is at least reasonably possible that changes in these estimates in the near term would be material to the financial statements.

Investment Valuation and Income Recognition

Investments of the Plan are stated at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fair value of the Plan's interest in the Duke Energy Corporation Master Retirement Trust (Master Trust) (see Note 3) is based on the Plan's interest in the underlying assets in the Master Trust. See Note 4 for discussion of fair value measurements.

In accordance with Department of Labor regulations, realized and unrealized gains and losses are based on the value of these investments as of the later of the beginning of the plan year or at the time of purchase, if purchased during the year, and are reflected currently in the accompanying Statements of Changes in Net Assets Available for Benefits. Purchases and sales of securities are recorded on a settlement-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

Investment income from the Master Trust, which includes interest, dividends and realized and unrealized gains and losses, net of administrative expenses, is allocated to each Plan by the trustee on a pro rata basis. Brokerage fees are added to the acquisition cost of assets purchased and subtracted from the proceeds of the assets sold.

Derivative Financial Instruments

The Master Trust holds various instruments that meet the definition of a derivative under Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) Topic 815, *Derivatives and Hedging*, (FASB ASC 815), including foreign currency contracts and interest rate swaps. The Plan's primary objective in holding these derivatives is investment appreciation and, accordingly, does not designate such derivatives as hedges of risks. Foreign currency exchange rate movements create a degree of risk by affecting the U.S. dollar value of instruments denominated in foreign currencies. Such derivatives are recorded in the accompanying Statements of Net Assets Available for Benefits at their fair value, and changes in fair value are recorded in the Plan interest in Master Trust net income in the accompanying Statements of Changes in Net Assets Available for Benefits.

Benefit Payments

Benefit payments to participants or their beneficiaries are recorded when paid.

Administrative Expenses

The Plan pays all investment fees related to the Plan and most other administrative costs, as provided in the Plan document.

Transfers Between Plans

Transfers of assets and accumulated plan benefits between the Plan, Cinergy Corp. Non-Union Employees' Pension Plan and the Cinergy Corp. Union Employees' Pension Plan are actuarially determined and occur as a result of changes in employee status between union and non-union classifications.

Recent Accounting Pronouncement

In January 2010, the FASB issued a pronouncement to improve disclosures about fair value measurements. Certain provisions of this pronouncement are effective for reporting periods beginning after December 15, 2009, while other provisions are effective for periods beginning after December 15, 2010. The adoption of this accounting standard did not impact the Plan's financial statements.

In May 2011, the FASB amended existing requirements for measuring fair value and for disclosing information about fair value measurements. This revised guidance results in a consistent definition of fair value, as well as common requirements for measurement and disclosure of fair value information between US GAAP and International Financial Reporting Standards (IFRS). In addition, the amendments set forth enhanced disclosure requirements with respect to recurring Level 3 measurements, nonfinancial assets measured or disclosed at fair value, transfers between levels in the fair value hierarchy, and assets and liabilities disclosed but not recorded at fair value. For the Plan, the revised fair value measurement guidance is effective on a prospective basis for periods beginning after January 1, 2012. The adoption of the accounting standard is not expected to have an impact on the Plan's financial statements.

Plan Management's Review of Subsequent Events

In preparing the accompanying financial statements, Plan management has reviewed all known events that have occurred after December 31, 2011, and through October 5, 2012, the date the financial statements were available to be issued, for inclusion in the financial statements and footnotes.

Reclassifications

Certain reclassifications have been made to the 2010 financial statements to conform to the 2011 financial statement presentation. These reclassifications had no effect on the net assets available for benefits.

Note 3: Investments (Certified by Trustee)

Duke Energy also sponsors the following plans, whose investments are also held in the Master Trust:

- Cinergy Corp. Union Employees' Pension Plan, which covers hourly, weekly and bi-weekly paid employees of the Employing Company represented by the International Brotherhood of Electrical Workers, Local 1393,

- Cinergy Corp. Non-Union Employees' Pension Plan, which covers certain non-union employees of the Employing Company, and

- Duke Energy Retirement Cash Balance Plan, which covers legacy Duke Energy employees and non-union employees hired on or after July 1, 2008.

The Master Trust has the following Plans and accounts with their respective percentages as of December 31, 2011 and 2010:

	2011	2010
Duke Energy Retirement Cash Balance Plan	53.03	53.95
Duke Energy 401(h) account	1.97	1.92
Cinergy Corp. Union Employees' Pension Plan	8.53	8.03
Cinergy Corp. Union Employees' Retirement Income Plan	11.81	11.28
Cinergy Corp. Non-Union Employees' Pension Plan	24.00	24.17
Cinergy Corp. Union Employees' 401(h) account	0.17	0.16
Cinergy Corp. Union Employees' Retirement Income 401(h) account	0.17	0.17
Cinergy Corp. Non-Union Employees' 401(h) account	0.32	0.32
	100.00%	100.00%

Investment income and administrative expenses relating to the Master Trust are allocated based on average monthly balances invested by each, other than items specific to one or the other.
Plan investments are received, invested and held by the trustee.

The Plan interest in the Master Trust of $571.3 million and $562.7 million represent 5% or more of the Plan's net assets available for benefits as of December 31, 2011 and 2010, respectively.

The following presents the Statements of Net Assets Available for Benefits of the Master Trust as of December 31, 2011 and 2010 (in millions):

	2011	2010
Investments, at fair value:		
Equity securities	$ 2,696.1	$ 3,098.8
Corporate bonds	1,236.9	1,049.6
U.S. Government securities	210.5	138.4
Government and commercial mortgage backed securities	8.3	8.1
Short-term investment funds	335.8	493.7
Real estate investment trust	151.8	65.5
Foreign currency contracts with gains	365.9	498.1
Asset backed securities	4.2	8.6
Guaranteed investment contracts	38.7	37.5
Government bonds – foreign	38.8	35.0
Non-government backed C.M.O.S.	1.4	2.2
Hedge fund	89.1	94.3
Cash margin	20.9	7.0
Other investments	2.6	0.2
Interest rate swaps with losses	(2.4)	(39.8)
Foreign currency contracts with losses	(361.9)	(508.4)
Total investments	4,836.7	4,988.8
Receivables:		
Accrued interest and dividend income	26.7	22.7
Receivables for securities sold	10.1	17.6
Total receivables	36.8	40.3
Cash	6.8	1.8
Total Assets	4,880.3	5,030.9
Liabilities:		
Payables for securities purchased	11.7	107.0
Total Liabilities	11.7	107.0
Net Assets Available for Benefits	$ 4,868.6	4,923.9

The following presents the Statement of Changes in Net Assets Available for Benefits of the Master Trust for the year ended December 31, 2011 (in millions):

Additions:		
Net depreciation in fair value of investments:		
Equity securities	$	57.5
Corporate bonds		77.1
U.S. Government securities		39.1
Interest rate swaps with losses		0.4
Foreign currency contracts with gains		(21.1)
Cash and cash equivalent derivative futures		8.7
Fixed income derivatives - futures		(190.6)
Real estate investment trust		11.6
Non-government backed C.M.O.S.		(0.2)
Asset backed securities		(0.1)
Derivative offsets		(1.4)
Pending foreign exchange sales		14.6
Commodity futures		(45.7)
Hedge fund		(5.2)
Other investments		10.0
Total net depreciation in fair value of investments		(45.3)
Interest		89.0
Dividends		36.8
Total additions		80.5
Deductions:		
Administrative expenses		15.0
Total deductions		15.0
Net Increase Prior to Transfers		65.5
Transfers in		200.0
Transfers out		(320.8)
Total transfers		(120.8)
Net Decrease After Transfers		(55.3)
Net Assets Available for Benefits – Beginning of Year		4,923.9
Net Assets Available for Benefits – End of Year	$	4,868.6

The following table presents the fair value of the Master Trust's individual investments that represent 5% or more of the Master Trust's net assets available for benefits as of December 31, 2011 and 2010 (millions):

	2011	2010
Capital Guardian International Equity Fund	$ *	$ 274.3
COLTV Short-Term Investment Fund	*	315.5

* Represents less than 5% of net assets available for benefits as of this date

Note 4: Fair Value Measurements

FASB ASC Topic 820, *Fair Value Measurements and Disclosures*, (FASB ASC 820) defines fair value, establishes a framework for measuring fair value in US GAAP and expands disclosure requirements about fair value measurements. Under FASB ASC 820, fair value is considered to be the exchange price in an orderly transaction between market participants to sell an asset or transfer a liability at the measurement date. The fair value definition under FASB ASC 820 focuses on an exit price, which is the price that would be received by the Plan to sell an asset or paid to transfer a liability versus an entry price, which would be the price paid to acquire an asset or received to assume a liability. Although FASB ASC 820 does not require additional fair value measurements, it applies to other accounting pronouncements that require or permit fair value measurements.

The Plan determines fair value of financial assets and liabilities based on the following fair value hierarchy, as prescribed by FASB ASC 820, which prioritizes the inputs to valuation techniques used to measure fair value into three levels:

Level 1
Unadjusted quoted prices in active markets for identical assets or liabilities that the Plan has the ability to access. An active market for the asset or liability is one in which transactions for the asset or liability occurs with sufficient frequency and volume to provide ongoing pricing information.

Level 2
Inputs other than quoted market prices included in Level 1 that are observable, either directly or indirectly, for the asset or liability. Level 2 inputs include, but are not limited to, quoted prices for similar assets or liabilities in an active market, quoted prices for identical or similar assets or liabilities in markets that are not active and inputs other than quoted market prices that are observable for the asset or liability, such as interest rate curves and yield curves observable at commonly quoted intervals, volatilities, credit risk and default rates.

Level 3
Unobservable inputs for the asset or liability. Unobservable inputs reflect the Plan's own assumptions about the factors that other market participants would use in pricing an investment that would be based on the best information available in the circumstances.

The following is a description of the valuation methodologies used for investments measured at fair value for the Master Trust. There have been no changes in the methodologies used at December 31, 2011 and 2010.

Equity securities, corporate bonds and government securities: Valued at the closing price in the principal reported active market in which the individual securities are traded. Principal active markets include published exchanges such as NASDAQ, NYSE, NYMEX and Chicago Board of Trade, as well as pink sheets, which is an electronic quotation system that displays quotes for broker-dealers for many over-the-counter securities.

Government and commercial mortgage backed securities: Valued based on external price data obtained from third party vendors. When position specific external price data are not observable, the valuation is based on comparable securities. When external pricing data is observable, the securities are categorized in Level 2. When the external pricing data is unobservable, the securities are categorized as Level 3.

Short term investment funds: Valued based on quoted market prices of the securities in the funds.

Real estate investment trust: Valued based upon property appraisal reports prepared by independent real estate appraisers. The Chief Real Estate Appraiser of the asset manager is responsible for assuring that the valuation process provides independent and reasonable property market value estimates. An external appraisal management firm not affiliated with the asset manager has been appointed to assist the Chief Real Estate Appraiser in maintaining and monitoring the independence and the accuracy of the appraisal process.

Hedge fund: Valued based on the value provided to the asset manager by the underlying fund. Values of liquid funds are based on observable inputs such as quoted market prices. Values of illiquid funds are based on observable or unobservable inputs to determine the value that might reasonably expect to be received in the normal course of business. If due diligence performed by the asset manager determines the value provided the underlying fund does not represent fair value, the asset manager may consult with its valuation committee in determining fair value.

Interest rate swaps and foreign currency contracts: These instruments are traded in over-the-counter markets. Valuation inputs include interest rate curves, LIBOR yield curve, foreign exchange spot rates, equity prices/equity index prices, volatility and index dividend yields.

The following tables provide by level, within the fair value hierarchy, the Master Trust investments, at fair value as of December 31, 2011 and 2010 (in millions):

	December 31, 2011			
	Total Fair Value	**Level 1**	**Level 2**	**Level 3**
Domestic:				
Equity securities	$ 1,721.4	$ 1,170.1	$ 424.1	$ 127.2
Corporate bonds	1,036.0	–	1,033.8	2.2
Foreign currency contracts with gains	365.9	365.9	–	–

	December 31, 2011			
	Total Fair Value	**Level 1**	**Level 2**	**Level 3**
Short-term investment funds	335.8	284.5	51.3	–
Hedge fund	89.1	–	–	89.1
Real estate investment trust	151.8	–	–	151.8
Cash margin	20.9	20.9	–	–
Government securities	210.5	–	210.5	–
Government and commercial mortgage backed securities	8.3	–	8.3	–
Interest rate swaps with (losses) gains	(2.4)	(2.4)	(0.3)	0.3
Asset backed securities	4.2	–	3.6	0.6
Non-government backed C.M.O.S.	1.4	–	1.4	–
Guaranteed investment contracts	38.7	–	–	38.7
Foreign currency contracts with losses	(361.9)	(361.9)	–	–
Other investments	2.6	0.7	1.2	0.7
Total domestic	3,622.3	1,477.8	1,733.9	410.6
Foreign:				
Equity securities	974.7	575.0	399.7	–
Corporate bonds	200.9	–	200.9	–
Government securities	38.8	–	38.0	0.8
Total foreign	1,214.4	575.0	638.6	0.8
Total Investments at Fair Value	$ 4,836.7	$ 2,052.8	$ 2,372.5	$ 411.4

	December 31, 2010			
	Total Fair Value	**Level 1**	**Level 2**	**Level 3**
Domestic:				
Equity securities	$ 1,810.2	$ 1,307.7	$ 394.3	$ 108.2
Corporate bonds	864.8	–	856.0	8.8
Foreign currency contracts with gains	498.1	498.1	–	–
Short-term investment funds	493.7	478.8	14.9	–
Hedge fund	94.3	–	–	94.3
Real estate investment trust	65.5	–	–	65.5
Cash margin	7.0	7.0	–	–
Government securities	138.4	–	138.4	–
Government and commercial mortgage backed securities	8.1	–	8.1	–
Interest rate swaps with (losses) gains	(39.8)	(40.1)	0.3	–

	December 31, 2010			
	Total Fair Value	**Level 1**	**Level 2**	**Level 3**
Asset backed securities	8.6	–	8.0	0.6
Non-government backed C.M.O.S.	2.2	–	1.8	0.4
Guaranteed investment contracts	37.5	–	–	37.5
Foreign currency contracts with losses	(508.4)	(508.4)	–	–
Other investments	0.2	0.3	(0.6)	0.5
Total domestic	3,480.4	1,743.4	1,421.2	315.8
Foreign:				
Equity securities	1,288.6	721.6	565.1	1.9
Corporate bonds	184.8	–	184.5	0.3
Government securities	35.0	–	34.3	0.7
Total foreign	1,508.4	721.6	783.9	2.9
Total Investments at Fair Value	$ 4,988.8	$ 2,465.0	$ 2,205.1	$ 318.7

The following tables provide a reconciliation of beginning and ending balances of investments measured at fair value on a recurring basis where the determination of fair value includes significant unobservable inputs (Level 3) for the years ended December 31, 2011 and 2010 (in millions):

	2011
Balance as of January 1, 2011	$ 318.7
Total gains, (realized and unrealized), and other	15.9
Purchases, sales, issuances, and settlements:	
Purchases	163.4
Sales	(86.6)
Balance as of December 31, 2011	$ 411.4

	2010
Balance as of January 1, 2010	$ 255.7
Total gains, (realized and unrealized), and other	15.2
Purchases, sales, issuances, and settlements (net)	47.8
Balance as of December 31, 2010	$ 318.7

The Plan's share in gains and losses (realized and unrealized) included in changes in net assets for the period above are reported in net appreciation in fair value of investments in the Statements of Changes in Net Assets Available for Benefits.

Note 5: NAV Per Share

Under the amended guidance of FASB Accounting Standards Update (ASU) No. 2009-12, *Investments in Certain Entities That Calculate Net Asset Value per Share (or Its Equivalent)* (ASU 2009-12), entities are permitted, as a practical expedient, to estimate the fair value of investments within its scope using the NAV per share of the investment as of the reporting entity's measurement dates. The amended guidance also requires additional disclosures to better enable users of the financial statements to understand the nature and risks of the reporting entity's investments that fall under these rules. In accordance with ASU 2009-12, the Plan expanded its disclosure to include the category, fair value, redemption frequency, and redemption notice period for those assets whose fair value is estimated using the NAV per share or its equivalent for which the fair value is not readily determinable. For the Plan, such assets are comprised of an investment in a hedge fund.

The following table sets forth a summary of the Plan's investments with a reported NAV as of December 31, 2011 and 2010 (in millions):

	Fair Value at December 31, 2011	Fair Value at December 31, 2010	Unfunded Commitment	Redemption Frequency	Other Redemption Restrictions	Redemption Notice Period
Hedge fund [(a)]	$ 89.1	$ 94.3	None	Quarterly	Yes	91 days

[(a)] This category consists primarily of investments in privately offered hedge funds managed by unaffiliated investment managers. The initial investment, made in June 2010, was not redeemable until June 2011. Quarterly redemptions in excess of 20% may be partially funded, based on the Hedge fund's board of director's decision, on a pro rata basis in proportion to all other hedge fund investees.

Note 6: Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits are those future periodic payments, including lump sum distributions that are attributable under the Plan's provisions to services rendered by employees as of the valuation date. Accumulated plan benefits include benefits expected to be paid to (a) retired or terminated employees or their beneficiaries, (b) beneficiaries of employees who have died, and (c) present employees or their beneficiaries. Traditional benefits under the Plan are based on the participant's years of participation and generally the final three-year average annual pension-eligible earnings. The accumulated plan benefits for active employees are generally based on their average compensation during the three years ending on the date as of which the benefit information is presented (the valuation date). Cash balance benefits are based upon the participant's notional account balance as of the valuation date. Benefits payable under all circumstances (i.e., retirement, death, disability, and termination of employment) are included to the extent they are deemed attributable to employee service rendered through the valuation date.

The actuarial present value of accumulated plan benefits is determined by the Plan's actuary and is that amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, disability, withdrawal, or retirement) between the valuation date and the expected date of payment. The effect of plan amendments on accumulated plan benefits is recognized during the year in which such amendments become effective.

The significant actuarial assumptions used in the valuations as of January 1, 2012 were:

Interest:	8.00%
Mortality:	2012 Static Mortality Table for Annuitants and Non-Annuitants
Investment Return:	4.50% per annum

The significant actuarial assumptions used in the valuations as of January 1, 2011 were:

Interest:	7.75%
Mortality:	2011 Static Mortality Table for Annuitants and Non-Annuitants
Investment Return:	4.50% per annum

The foregoing actuarial assumptions are based on the presumption that the Plan will continue. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

The actuarial present value of accumulated plan benefit information as of January 1, 2012 and 2011 is as follows (in millions):

	2012	2011
Vested benefits:		
Participants and/or beneficiaries currently receiving benefits	$ 211.0	$ 203.3
Other participants	199.2	190.2
Total vested benefits	410.2	393.5
Nonvested benefits	31.4	33.8
Total Actuarial Present Value of Accumulated Plan Benefits	$ 441.6	$ 427.3

The changes in the actuarial present value of the Plan's accumulated plan benefits are as follows (in millions):

	2012	2011
Actuarial present value of accumulated plan benefits as of January 1, 2011 and 2010	$ 427.3	$ 414.9
Increase (decrease) during the year attributable to:		
Benefits paid	(33.9)	(35.7)
Passage of time	31.8	31.8
Changes in actuarial assumptions	(1.3)	8.2
Benefits accumulated and actuarial experience	17.7	8.1
Net increase	14.3	12.4
Actuarial Present Value of Accumulated Plan Benefits as of January 1, 2012 and 2011	$ 441.6	$ 427.3

Note 7: Funding Policy

The Employing Company's policy is to fund amounts on an actuarial basis to provide assets sufficient to meet benefits to be paid to plan participants. Contributions to provide benefits under the Plan are made solely by the Employing Company. No contributions by the Employing Company were necessary in 2011 or 2010 to meet the minimum funding requirements of ERISA. The Employing Company made voluntary contributions of approximately $49.0 million and $35.0 million in 2011 and 2010, respectively. No contributions were made by the Employing Company to the Cinergy Union Employees' Retirement Income Plan 401(h) account in 2011 or 2010.

Note 8: Plan Termination

Although it has not expressed any intent to do so, Duke Energy has the right under the Plan to discontinue contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA. In the event of any termination of the Plan or upon complete or partial discontinuance of contributions, each participant shall become fully vested, and the net assets of the Plan will be allocated for payment of Plan benefits to the participants in an order of priority determined in accordance with ERISA, applicable regulations there under and the Plan document, generally to provide the following benefits in the order indicated:

a. Benefits attributable to employee contributions, taking into account those paid out before termination.

b. Annuity benefits that former employees or their beneficiaries have been receiving for at least three years, or that employees eligible to retire for that three-year period would have been receiving if they had retired with benefits in the normal form of annuity under the plan. The priority amount is limited to the lowest benefit that was payable (or would have been payable) during those three years. The amount is further limited to the lowest benefit that would be payable under Plan provisions in effect at any time during the five years preceding Plan termination.

c. Other vested benefits insured by the Pension Benefit Guaranty Corporation (PBGC) (a U.S. government agency) up to the applicable limitations (discussed subsequently).
d. All other vested benefits (that is, vested benefits not insured by the PBGC).
e. All nonvested benefits.

Certain benefits under the Plan are insured by the PBGC, if the Plan terminates. Generally, the PBGC guarantees most vested, normal-age retirement benefits, early retirement benefits, and certain disability and survivor's pensions. However, the PBGC does not guarantee all types of benefits under the Plan, and the amount of benefit protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan's termination, subject to a statutory ceiling on the amount of an individual's monthly benefit.
Whether all participants receive the benefits should the Plan be terminated at some future time will depend on the sufficiency, at that time, of the Plan's net assets to provide these benefits, the priority of those benefits to be paid, and the level and type of benefits guaranteed by the PBGC at that time. Some benefits may be fully or partially provided by the then existing assets and the PBGC guaranty, while other benefits may not be provided at all.

Note 9: Federal Income Tax Status

The Plan is intended to qualify under section 401(a) of the IRC and the Master Trust is intended to be exempt from tax under section 501(a) of the IRC. The IRS has determined and informed the Employing Company by letter dated January 19, 2012 that the Plan and related trust are designed in accordance with applicable sections of the IRC. The Plan has been amended since receiving the determination letter. The Employing Company and the Plan administrator believe that the Plan is currently designed and operated in compliance with the applicable requirements of the IRC and the Plan and Master Trust continue to be tax exempt. Therefore, no provision for income taxes has been included in the Plan's financial statements.

US GAAP requires Plan management to evaluate uncertain tax positions taken by the Plan. The financial statement effects of a tax position are recognized when the position is more likely than not, based on the technical merits, to be sustained upon examination by the IRS. Plan management has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2011, there are no uncertain positions taken or expected to be taken. The Plan has recognized no interest or penalties related to uncertain tax positions. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. Plan management believes it is no longer subject to income tax examinations for years prior to 2008.

Note 10: Exempt Party-in-Interest Transactions

Northern Trust manages the Master Trust. Northern Trust is also trustee of the Plan. Therefore, these transactions qualify as party-in-interest transactions; however, they are exempt from prohibited transaction rules under ERISA. Fees paid by the Plan were approximately $1.6 million and $2.1 million for the years ended December 31, 2011 and 2010, respectively.

Note 11: Plan Changes

Amendments to the Plan adopted on December 28, 2011, April 11, 2012, and June 29, 2012:

- Excludes Progress Energy Inc. employees from participation in the Plan effective upon occurrence of the merger of Duke Energy with Progress Energy, Inc. (in accordance with the Agreement and Plan of Merger dated January 8, 2011)
- Modify provisions regarding Plan administration
- Remove certain change in control provisions that are no longer applicable
- Clarify certain provisions of the Plan, including the formula applicable to participants returning from a leave of absence
- Adopt a technical change to the Plan as requested by the IRS as part of a January 30, 2009 application for a favorable determination letter
- Credit certain prior service with Progress Energy, Inc. under the Plan
- Modify provisions regarding adoption of the Plan by affiliated sponsors

Note 12: Reconciliation of Financial Statements to Form 5500

The following is a reconciliation of net assets available for benefits per the Form 5500 to the financial statements as of December 31, 2011 and 2010 (in millions):

	2011	2010
Net assets available for benefits per the Form 5500	$ 582.0	$ 561.8
Net assets held in 401(h) account included as assets in Form 5500	(8.5)	(8.5)
Net Assets Available for Benefits per the Financial Statements	$ 573.5	$ 553.3

The following is a reconciliation of the changes in net assets per the Form 5500 to the financial statements for the years ended December 31, 2011 and 2010 (in millions):

	2011	2010
Plan interest in Duke Energy Corporation Master Retirement Trust investment income per Form 5500	$ 6.2	$ 57.6
Investment income held in 401(h) account included as assets in Form 5500	–	(1.2)
Plan Interest in Duke Energy Corporation Master Retirement Trust Investment Income per the Financial Statements	$ 6.2	$ 56.4

SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit Plan Actuarial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ File as an attachment to Form 5500 or 5500-SF.

OMB No. 1210-0110

2011

This Form is Open to Public Inspection

For calendar plan year 2011 or fiscal plan year beginning 01/01/2011 and ending 12/31/2011

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan

CINERGY CORP. UNION EMPLOYEES' RETIREMENT INCOME PLAN

B Three-digit plan number (PN) ▶ 009

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF

DUKE ENERGY CORPORATION

D Employer Identification Number (EIN)

20-2777218

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [ ] 100 or fewer [ ] 101-500 [X] More than 500

Part I Basic Information

1 Enter the valuation date: Month 1 Day 1 Year 2011

2	Assets:			
	a Market value		**2a**	553,302,899
	b Actuarial value		**2b**	539,265,710
3	Funding target/participant count breakdown:		(1) Number of participants	(2) Funding Target
	a For retired participants and beneficiaries receiving payment	**3a**	1,722	231,113,762
	b For terminated vested participants	**3b**	525	14,892,565
	c For active participants:			
	(1) Non-vested benefits	**3c(1)**		39,164,124
	(2) Vested benefits	**3c(2)**		208,828,249
	(3) Total active	**3c(3)**	2,070	247,992,373
	d Total	**3d**	4,317	493,998,700
4	If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]			
	a Funding target disregarding prescribed at-risk assumptions		**4a**	
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor		**4b**	
5	Effective interest rate		**5**	6.29 %
6	Target normal cost		**6**	15,017,961

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE

Michael J. Thomas — Signature of actuary

October 8, 2012 — Date

Michael J. Thomas, FSA, EA — Type or print name of actuary

11-05799 — Most recent enrollment number

Towers Watson Pennsylvania Inc. — Firm name

(404) 365-1933 — Telephone number (including area code)

3500 Lenox Road Suite 900

Atlanta GA 30326-4238 — Address of the firm

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

Part II Beginning of year carryover and prefunding balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	45,453,629	65,572,000
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	9,037,191	0
9	Amount remaining (line 7 minus line 8)	36,416,438	65,572,000
10	Interest on line 9 using prior year's actual return of 13.96%	5,083,735	9,153,851
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38 from prior year)		27,021,100
b	Interest on (a) using prior year's effective rate of 6.68% except as otherwise provided (see instructions)		1,805,009
c	Total available at beginning of current plan year to add to prefunding balance		28,826,109
d	Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	41,500,173	74,725,851

Part III Funding percentages

14	Funding target attainment percentage	14	85.63 %
15	Adjusted funding target attainment percentage	15	109.16 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	90.87 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and liquidity shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
12/16/2011	49,000,000				
			Totals • 18(b)	49,000,000	18(c) 0

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
a	Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b	Contributions made to avoid restrictions adjusted to valuation date	19b	0
c	Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	46,223,742

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? [X] Yes [ ] No

b If 20a is "Yes," were required quarterly installments for the current year made in a timely manner? [X] Yes [ ] No

c If 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions used to determine funding target and target normal cost

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	
3.78 %	6.31 %	6.57 %	☐ N/A, full yield curve used

b Applicable month (enter code)	21b	4
22 Weighted average retirement age	22	61

23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute

Part VI Miscellaneous items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment	☒ Yes	☐ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment	☒ Yes	☐ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment	☒ Yes	☐ No

27 If the plan is eligible for (and is using) alternative funding rules, enter applicable code and see instructions regarding attachment	27	

Part VII Reconciliation of unpaid minimum required contributions for prior years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum required contribution for current year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6)	31a	15,017,961
b Excess assets, if applicable, but not greater than 31a	31b	

32 Amortization installments:	Outstanding Balance	Installment
a Net shortfall amortization installment	0	0
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	34	15,017,961

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	9,812,302	0	9,812,302

36 Additional cash requirement (line 34 minus line 35)	36	5,205,659
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	46,223,742
38 Present value of excess contributions for current year (see instructions)		
a Total (excess, if any, of line 37 over line 36)	38a	41,018,083
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	9,812,302
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0
40 Unpaid minimum required contributions for all years	40	0

Part IX Pension funding relief under Pension Relief Act of 2010 (see instructions)

41 If a shortfall amortization base is being amortized pursuant to an alternative amortization schedule:

a Schedule elected ☐ 2 plus 7 years ☐ 15 years

b Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

42 Amount of acceleration adjustment	42	
43 Excess installment acceleration amount to be carried over to future plan years	43	

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

EIN: 20-2777218/PN: 009

Summary of Schedule SB Attachments

Attachments to 2011 Schedule SB (Form 5500)

Line 19 — Discounted Employer Contributions

Line 22 — Description of Weighted Average Retirement Age

Part V — Statement of Actuarial Assumptions and Methods

Part V — Summary of Plan Provisions

Line 24 — Change in Assumptions

Line 25 — Change in Methods

Line 26 — Schedule of Active Participant Data

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

EIN: 20-2777218/PN: 009

Schedule SB, Line 19 — Discounted Employer Contributions

Date of Contribution	Amount	Year Applied	Effective Interest Rate	Interest Adjusted Contribution
12/16/2011	49,000,000	2011	6.29	46,223,742

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan
EIN 20-2777218 PN 009
Schedule SB, Line 22 - Description of Weighted Average Retirement Age

See Schedule SB, Part V Statement of Actuarial Assumptions / Methods for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

Sample Calculation of Retirement Age for Active Cash Balance Participants

Retirement Age (1)	Assumed Rate (2)	Participants At Beginning (3)	Participants Retiring: (2)x(3) (4)	(1)*(4) (5)
50	0.0400	1,000.00	40.00	2,000.00
51	0.0400	960.00	38.40	1,958.40
52	0.0400	921.60	36.86	1,916.72
53	0.0400	884.74	35.39	1,875.67
54	0.0400	849.35	33.97	1,834.38
55	0.2000	815.38	163.08	8,969.40
56	0.1000	652.30	65.23	3,652.88
57	0.1000	587.07	58.71	3,346.47
58	0.1000	528.36	52.84	3,064.72
59	0.1000	475.52	47.55	2,805.45
60	0.2500	427.97	106.99	6,419.40
61	0.1000	320.98	32.10	1,958.10
62	0.3000	288.88	86.66	5,372.92
63	0.1500	202.22	30.33	1,910.79
64	0.1500	171.89	25.78	1,649.92
65	0.7500	146.11	109.58	7,122.70
66	0.2000	36.53	7.31	482.46
67	1.0000	29.22	29.22	1,957.74
			1,000.00	58,298.12
58,298.12 /	1,000 =	58.30		

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan
EIN 20-2777218 PN 009
Schedule SB, Line 22 - Description of Weighted Average Retirement Age

Sample Calculation of Retirement Age for Active Traditional Participants

Retirement Age (1)	Assumed Rate (2)	Participants At Beginning (3)	Participants Retiring: (2)x(3) (4)	(1)*(4) (5)
50	0.0100	1,000.00	10.00	500.00
51	0.0100	990.00	9.90	504.90
52	0.0100	980.10	9.80	509.60
53	0.0100	970.30	9.70	514.10
54	0.0100	960.60	9.61	518.94
55	0.0200	950.99	19.02	1,046.10
56	0.0200	931.97	18.64	1,043.84
57	0.0500	913.33	45.67	2,603.19
58	0.0500	867.66	43.38	2,516.04
59	0.0500	824.28	41.21	2,431.39
60	0.1000	783.07	78.31	4,698.60
61	0.0500	704.76	35.24	2,149.64
62	0.2000	669.52	133.90	8,301.80
63	0.1500	535.62	80.34	5,061.42
64	0.1500	455.28	68.29	4,370.56
65	0.7500	386.99	290.24	18,865.60
66	0.2000	96.75	19.35	1,277.10
67	1.0000	77.40	77.40	5,185.80
			1000.00	62,098.62

62,098.62 / 1,000 = 62.1

All Groups

Group	Number of Active Participants*	Retirement Age
Cash Balance Participants	560	58.30
Traditional Participants	1,445	62.10
Average Age		61.04
Rounded for Schedule SB Item 22		61

*There are 65 other active employees with different retirement decrement patterns not reflected above.

Statement of actuarial assumptions and methods

Assumptions and methods for contribution purposes

Actuarial Assumptions and Methods — Contributions

Economic Assumptions

Interest rate basis:

Applicable month	September 2010
Yield curve basis	Segment rates with a four-month lookback

Interest rates:

First segment rate	3.78%
Second segment rate	6.31%
Third segment rate	6.57%
Effective interest rate	6.29%

Annual rates of increase

Compensation:

Minimum Funding Target Normal Cost — Based on estimated 2011 earnings.

Maximum Tax Expected Benefit Increase

Salary Increase Rates for after 2011

Age	Rate	Age	Rate
15	9.50%	35	4.00%
16	9.50%	36	4.00%
17	9.50%	37	4.00%
18	9.50%	38	4.00%
19	9.50%	39	4.00%
20	9.50%	40	3.50%
21	9.50%	41	3.50%
22	9.50%	42	3.50%
23	9.50%	43	3.50%
24	9.50%	44	3.50%

	25	8.50%	45+	3.50%
	26	8.50%		
	27	8.50%		
	28	8.50%		
	29	8.50%		
	30	5.50%		
	31	5.50%		
	32	5.50%		
	33	5.50%		
	34	5.50%		

Future Social Security wage bases	3.25%
Cash Balance Interest Crediting Rate	4.50%
Assumed IRC §417(e) Conversion Basis	Based on the segment rates described above and the current §417(e) mortality table.

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

EIN: 20-2777218/PN: 009

Schedule SB, Part V — Statement of Actuarial Assumptions and Methods

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Demographic Assumptions

Inclusion date	The valuation date coincident with or next following the date on which the employee is hired.
New or rehired employees	It was assumed there will be no new or rehired employees.
Mortality	
Healthy and Disabled	2011 Static Mortality Table for Annuitants and Non-Annuitants Per §1.430(h)(3)-1(e).
Termination	Participants who have elected to leave under the VOP but have not yet terminated on the valuation date are assumed to terminate with 100% probability on 7/1/2011. For all other participants, rates vary by age and service

Representative Termination Rates

Percentage leaving during the year					
	Years of Service			Years of Service	
Age	0-1	2+	Age	0-1	2+
15	20.00%	15.00%	40	16.00%	2.50%
16	20.00%	15.00%	41	16.00%	2.50%
17	20.00%	15.00%	42	16.00%	2.50%
18	20.00%	15.00%	43	16.00%	2.50%
19	20.00%	15.00%	44	16.00%	2.50%
20	20.00%	15.00%	45	15.00%	2.00%
21	20.00%	15.00%	46	15.00%	2.00%
22	20.00%	15.00%	47	15.00%	2.00%
23	20.00%	15.00%	48	15.00%	2.00%
24	20.00%	15.00%	49	15.00%	2.00%
25	19.00%	10.00%	50	14.00%	2.00%
26	19.00%	10.00%	51	14.00%	2.00%
27	19.00%	10.00%	52	14.00%	2.00%
28	19.00%	10.00%	53	14.00%	2.00%
29	19.00%	10.00%	54	14.00%	2.00%
30	18.00%	5.50%	55+	0.00%	0.00%
31	18.00%	5.50%			
32	18.00%	5.50%			
33	18.00%	5.50%			
34	18.00%	5.50%			
35	17.00%	3.50%			

36	17.00%	3.50%
37	17.00%	3.50%
38	17.00%	3.50%
39	17.00%	3.50%

Disability

The rates at which participants become disabled by age are shown below:

Percentage becoming disabled during the year			
Age	Rate	Age	Rate
15	0.08%	40	0.17%
16	0.08%	41	0.19%
17	0.08%	42	0.20%
18	0.08%	43	0.22%
19	0.08%	44	0.23%
20	0.08%	45	0.25%
21	0.08%	46	0.28%
22	0.08%	47	0.32%
23	0.08%	48	0.35%
24	0.08%	49	0.39%
25	0.08%	50	0.42%
26	0.08%	51	0.49%
27	0.08%	52	0.56%
28	0.08%	53	0.62%
29	0.08%	54	0.69%
30	0.10%	55	0.76%
31	0.11%	56	0.91%
32	0.11%	57	1.06%
33	0.12%	58	1.20%
34	0.12%	59	1.35%
35	0.13%	60+	1.50%
36	0.14%		
37	0.15%		
38	0.15%		
39	0.16%		

Retirement

Rates varying by age for terminated vested participants and active Cash Balance participants. Rates varying by age and service for active Traditional participants and active Traditional Choice participants.

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

EIN: 20-2777218/PN: 009

Schedule SB, Part V — Statement of Actuarial Assumptions and Methods

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For purposes of determining the Funding Target and Target Normal Cost (both disregarding at-risk assumptions), the rates at which participants retire by age (and service, if applicable) are shown below.

Retirement Rates – Active Cash Balance Participants

Age	Rate	Age	Rate
50	4%	60	25%
51	4%	61	10%
52	4%	62	30%
53	4%	63	15%
54	4%	64	15%
55	20%	65	75%
56	10%	66	20%
57	10%	67+	100%
58	10%		
59	10%		

Retirement Rates – Traditional Participants and Traditional Choice Participants (Years of Service between 0 and 27)

	Years of Service					
Age	0-22	23	24	25	26	27
50	1%	1%	1%	2%	2%	2%
51	1%	1%	1%	2%	2%	2%
52	1%	1%	1%	2%	2%	2%
53	1%	1%	1%	2%	2%	2%
54	1%	1%	1%	2%	2%	2%
55	2%	2%	2%	5%	5%	5%
56	2%	2%	2%	5%	5%	5%
57	5%	5%	5%	5%	5%	5%
58	5%	5%	5%	5%	5%	15%
59	5%	5%	5%	5%	15%	15%
60	10%	10%	10%	15%	15%	15%
61	5%	5%	15%	15%	15%	15%
62	20%	35%	35%	35%	35%	35%
63	15%	15%	15%	15%	15%	15%
64	15%	15%	15%	15%	15%	15%
65	75%	75%	75%	75%	75%	75%
66	20%	20%	20%	20%	20%	20%

67+	100%	100%	100%	100%	100%	100%

Retirement Rates – Traditional Participants and Traditional Choice Participants (Years of Service between 28 and 30+)

	Years of Service		
Age	28	29	30+
50	2%	2%	2%
51	2%	2%	2%
52	2%	2%	2%
53	2%	2%	2%
54	2%	2%	2%
55	5%	5%	30%
56	5%	10%	25%
57	15%	15%	25%
58	15%	15%	30%
59	15%	15%	15%
60	15%	15%	20%
61	15%	15%	20%
62	35%	35%	20%
63	15%	15%	15%
64	15%	15%	15%
65	75%	75%	75%
66	20%	20%	20%
67+	100%	100%	100%

Retirement Rates – Terminated Vested Participants

Age	Rate	Age	Rate
50	2%	60	20%
51	2%	61	15%
52	2%	62	30%
53	2%	63	15%
54	2%	64	15%
55	20%	65+	100%
56	7%		
57	7%		
58	7%		
59	7%		

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

EIN: 20-2777218/PN: 009

Schedule SB, Part V — Statement of Actuarial Assumptions and Methods

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Benefit commencement date	
Preretirement death benefit	Date of Death.
Deferred vested benefit	Upon termination of employment.
Disability benefit	Normal Retirement Date.
Retirement benefit	Upon termination of employment.
Form of payment	• Cash Balance Participants: 100% elect the Lump Sum. • Traditional Plan Participants: 65% elect the 100% Contingent Annuity. 35% elect the Single Life Annuity. • Traditional Choice Participants: 100% elect the Lump Sum.
Percent married	It is assumed that 85% of males and 85% of females have an eligible spouse.
Spouse age	Males are three years older than their spouses.
Covered pay	
Before 2011	Actual historical pensionable earnings.
2011	2011 pay estimated as the sum of: • Actual earnings through March 31, 2011 (includes bonus and incentive payments made in the first quarter). • Expected base pay for the remaining nine months of the year (estimated by using the base pay rate in effect on April 1, 2011). • Assumed overtime for the remaining nine months of the year.
2012+	Estimated 2011 pay (for projection purposes) is projected forward using the salary scale, where 2011 pay is estimated as the sum of: • Expected base pay (estimated by using the pay rate in effect on April 1, 2011). • Assumed overtime. • Assumed target bonus.
Overtime Assumption *Applies to non-exempt employees only*	The overtime assumption is expressed as a percentage of base pay and varies by pay level: • 5% for those with low base pay (under $50,000) • 15% for those with medium base pay • 20% for those with high base pay (over $67,500)
Vacation Bank	Final pay is loaded for vacation buy-back based on actual vacation banks accrued to date.

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

EIN: 20-2777218/PN: 009

Schedule SB, Part V — Statement of Actuarial Assumptions and Methods

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Methods	
Valuation date	January 1, 2011.
Funding target	Present value of accrued benefits The IRC §430 regulations describe the required methodology for attributing benefits among Funding Target, current year Target Normal Cost, and future years' Target Normal Costs for disability benefits, Social Security benefits, death benefits and other ancillary benefits. For most such benefits, the required attribution methodology is clear. If the plan includes any benefits for which the attribution methodology was not clear, and the regulations required interpretation, consider describing the benefit and the attribution methodology used.
Target normal cost	Present value of benefits expected to accrue during plan year plus plan-related expenses expected to be paid from plan assets during plan year.
Trust expenses included in target normal cost	Provided by Duke Energy Corporation. $2,080,152 for 2011.
Actuarial value of assets	• Smoothed fair market value of assets over the current and prior three months, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value. • The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years.
Actuarial method	• Standard Unit Credit Cost Method.
Benefits not valued	• All benefits described in the Plan Provisions section of this report were valued except prior plan benefits and grandfathered benefits for active employees. Based on discussions with Duke Energy Corporation, such benefits are considered to have a de minimis likelihood of being paid and thus are not required to be valued, and will not be valued. Towers Watson has reviewed the plan provisions with Duke Energy Corporation and, based on that review, is not aware of any significant benefits required to be valued that were not.
Change in assumptions and methods since prior valuation	• The segment interest rates used to calculate the funding target and target normal cost were updated from an applicable month of September 2009 to September 2010. • The required mortality table used to calculate the funding target and target normal cost was updated to include one additional year of projected mortality improvements. • The Social Security Wage Base increase assumption was decreased from 3.50% to 3.25%. • The assumed plan-related expenses added to the target

normal cost were changed from $1,801,000 for 2010 to $2,080,152 for 2011.

- Termination rates were updated for participants who are known to be exiting under the VOP during 2011.

Summary of plan provisions

Plan Provisions

Plan was restated effective January 1, 2011.

Eligible Employees	Legacy Cinergy employees (other than leased employees) covered by a collective bargaining agreement which provides for participation in the plan.
Participation Date	Later of January 1, 2003, Employment Commencement Date, or age 18.

Definitions

Service	Employees (other than intermittent or temporary employees) generally earn one month of Service for each calendar month in which he/she is a participant in the Plan and is credited with at least one hour of service. Other rules may apply prior to January 1, 1998.
Earnings	Generally equal to total salary or wages, including overtime and bonuses, before any reductions under Section 125 and 401(k), but exclusive of any Company contributions to employee benefit plans and additional remuneration or expense reimbursement. Compensation considered for benefit purposes is limited based upon the provision of the IRC Section 401(a)(17).
Highest Average Earnings	Highest Average Annual Earnings for any three consecutive calendar years during the last 10 years of Participation.
Covered Compensation	35-year average of Social Security Wage Bases based on Year-of-Birth Table.
Participation	Employees (other than intermittent or temporary employees) generally earn one month of Participation for each calendar month in which he/she is a participant in the Plan and is credited with at least one hour of service. Other rules may apply prior to January 1, 1998.
Normal Retirement Age	Age 65.

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

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Schedule SB, Part V — Summary of plan provisions

Eligibility for Benefits

Normal Retirement	Retirement at normal retirement age.
Early Retirement	Age 50 and three years of service. (Five years of service prior to January 1, 2007).
Postponed Retirement	Retirement after normal retirement age.
Vested Termination	Three years of service. (Five years of service prior to January 1, 2007.)
Disability	Participants are immediately vested upon disability. (Five years of service were required prior to January 1, 2007.)
Preretirement Death Benefit	
Traditional Program	Married participants. (Five years of service prior to January 1, 2007.)
Cash Balance Program	All participants are immediately vested upon death and the benefit will be paid to the spouse, beneficiary, or estate.

Benefits Paid Upon the Following Events

Normal Retirement

Participant's retirement formula is either based on a final average pay formula ("Traditional Program"), a cash balance plan account ("Cash Balance Program"), or a combination of both.

Traditional Program participants governed by a collective bargaining agreement with the United Steelworkers of America, Local 12049 and Local 5541-06 (a "USWA Employee") were given the choice to stay in the Traditional Program and continue to accrue benefits or to enter the Duke Cash Balance Program with a $0 opening account balance and a soft freeze (frozen credited service and increasing final average pay) on their Traditional Benefit, effective January 1, 2008. Active USWA participants in the Balanced and Investor Cash Balance Programs were moved to the Duke Cash Balance Program on January 1, 2008. Effective January 1, 2012, participants who elected to stay in the Traditional Program in 2008 who are not age 50 with 25 years of service will automatically be moved into the Cash Balance Program with a hard freeze on their Traditional Benefit. Participants who meet the age 50 and 25 years of service requirement will be allowed another choice to move to the Cash Balance program on January 1, 2012.

Balanced and Investor Cash Balance Program participants governed by a collective bargaining agreement with the International Brotherhood of Electrical Workers, Local 352 (an "IBEW 352 Employee") were moved to the Duke Cash Balance Program on July 1, 2008.

Balanced and Investor Cash Balance Program participants governed by a collective bargaining agreement with the Employees' Representation Association (an "ERA Employee") were moved to the Duke Cash Balance Program on January 1, 2009.

Traditional Program participants governed by a collective bargaining agreement with the Utility Workers of America, Local 600 (a "UWUA Employee") were given the choice to stay in the Traditional Program and continue to accrue benefits or to enter the Duke Cash Balance Program with a $0 opening account balance and a soft freeze (frozen credited service and increasing final average pay) on their Traditional Benefit effective January 1, 2009. Active UWUA participants in the Balanced and Investor Cash Balance Programs were moved to the Duke Cash Balance Program on January 1, 2009. Effective January 1, 2013, participants who elected to stay in the Traditional Program in 2009 who are not age 50 with 25 years of service will automatically be moved into the Cash Balance Program with a hard freeze on their Traditional Benefit. Participants who meet the age 50 and 25 years of service requirement will be allowed another choice to move to the Cash Balance program on January 1, 2013.

Traditional Program participants governed by a collective bargaining agreement with Local Union 1347 of the International Brotherhood of Electrical Workers (an "IBEW 1347 Employee") were given the choice to stay in the Traditional Program and continue to accrue benefits or to enter the Duke Cash Balance Program with a $0 opening account balance and a soft freeze (frozen credited service and increasing final average pay) on their Traditional Benefit effective January 1, 2010. Active IBEW 1347 participants in the Balanced and Investor Cash Balance Programs were moved to the Duke Cash Balance Program on January 1, 2010. Effective January 1, 2014, participants who elected to stay in the Traditional Program in 2010 whose age plus service is less than 75 will automatically be moved into the Cash Balance Program with a hard freeze on their Traditional Benefit.

Duke Cash Balance Formula

A cash balance benefit with monthly pay credits based on the following schedule:

Pay Credit by Points for Duke Energy Corporation Cash Balance Formula

Points	Contribution Credit Percentage
<35	4%, plus 4% of pay over Social Security Wage Base
35-49	5%, plus 4% of pay over Social Security Wage Base
50-64	6%, plus 4% of pay over Social Security Wage Base
>64	7%, plus 4% of pay over Social Security Wage Base

A participant's points as of any January 1 (or date of participation) equal the sum of the attained age and creditable service on such date, with the sum truncated to drop less than full points.

The monthly interest adjustment is a percentage increase in the account balance. The rate of monthly increase is the average yield on 30-year Treasury bonds for the end of the third full business week of the month

	prior to the beginning of the calendar quarter in which the particular month occurs. The interest factor will not be greater than an annual percentage rate of 9% and not less than 4%.
Traditional Program	Effective January 1, 2007, the plan was amended to adopt a minimum benefit formula on benefit accruals beginning January 1, 2005. The benefit is the greater of Formula A or Formula B. Formula A: 1.10% of FAP plus 0.50% of FAP in excess of Covered Compensation multiplied by service (maximum 35 years); plus 1.55% of FAP multiplied by service over 35 years. Formula B: Lesser of 1.12% of FAP plus 0.50% of FAP in excess of Covered Compensation multiplied by service (maximum 35 years) or 1.163% of FAP multiplied by service (maximum 35 years); plus 1.492% of FAP multiplied by service over 35 years.
Early Retirement	
Traditional Program	A monthly benefit equal to the Normal Retirement benefit based on Years of Participation and Highest 3-Year Average Earnings at the date of termination. If payments begin before age 62, the payments are reduced by 6.67% per year for the first five years, 3.33% per year for the next four years, and by varying percentages thereafter. No reductions apply if a participant retires at age 55 with 85 age plus service points.
Cash Balance Program	Participants are always entitled to their entire vested cash balance at termination or retirement.
Postponed Retirement	Monthly pension benefit determined as of actual retirement date.
Vested Termination	
Traditional Program	A monthly benefit equal to the Normal Retirement benefit based on Highest Average Earnings and years of Participation at the date of termination. Payments may begin after the eligibility requirements for Early Retirement have been satisfied. Vested Termination benefits that begin before Normal Retirement will be reduced 5% per year from age 65. Traditional Choice participants can receive this benefit as a lump sum any time after separation from the company.
Cash Balance Program	Participants are always entitled to their entire vested cash balance at termination or retirement.
Disability	
Traditional Program	Normal Retirement benefit based on Highest Average Earnings at the date of disability and years of Participation at the date of retirement. Payments may begin after the eligibility requirements for Early Retirement have been satisfied. Disability benefits that begin before Normal Retirement will be reduced using the same reductions used for Early Retirement. Traditional Choice participants can receive this benefit as a lump sum any time after separation from the company.
Cash Balance Program	Participants are always entitled to their entire vested cash balance upon disability.

Preretirement Death	
Traditional Program	Under age 50: 100% of Normal Retirement benefit as of the participant's date of death, reduced actuarially for 100% Contingent Annuitant option, and reduced for payment at the participant's earliest retirement eligibility. Traditional Choice participants can receive this benefit as a lump sum immediately. Age 50 and older: 100% of Normal Retirement benefit as of the participant's date of death, payable immediately, reduced as applicable for early payment.
Cash Balance Program	The participant's beneficiary is entitled to the entire vested cash balance upon the participant's death.

Other Plan Provisions

Normal Form of Annuity	
Without Spouse	Life Annuity.
Cash Balance Participants with Spouse	100% Joint and Survivor Annuity.
Traditional Participants with Spouse	Contingent Annuitant option actuarially equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 100% of reduced benefit continued to surviving spouse. If spouse dies before participant, benefit increases to life annuity value.
Optional Forms of Annuity	Life Annuity; Contingent Annuitant with "pop-up" (50%, 66 2/3% or 100%); 10-year Certain and Life; Life Annuity Level Income Option; 100% Contingent Annuitant Level Income Option with pop-up; Lump Sum (Cash Balance Program and Frozen Traditional Program).
Cash Balance Actuarial Equivalence	*Used to convert Cash Balance Account to a Single Life Annuity.*
Mortality	Applicable mortality under IRC Section 417(e).
Interest	Applicable interest under IRC Section 417(e). Look back month is August prior to the beginning of the Plan Year during which the Annuity Starting Date falls.
Actuarial Equivalence (non-Duke Account)	*Used to convert Single Life Annuity to other optional forms with the exception of Lump Sums and Level Income Options.*
Mortality	Participants: UP-1984 Table. Beneficiaries and Contingent Annuitants: UP-1984 Table, with ages rated down three years.
Interest	7.5% per year.

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Schedule SB, Part V — Summary of plan provisions

Actuarial Equivalence (Duke Account)	*Used to convert Duke Account Single Life Annuity to other optional forms with the exception of Lump Sums and Level Income Options.*
Mortality	1983 Group Annuity Mortality Weighted 50% male and 50% female.
Interest	7%.
Lump Sum and Level Income Option Actuarial Equivalence	*Used to convert Single Life Annuity to Lump Sums and Level Income Options.*
Mortality	Applicable mortality under IRC Section 417(e).
Interest	Applicable interest under IRC Section 417(e). Look back month is August prior to the beginning of the Plan Year during which the Annuity Starting Date falls.
Pension Increases	None.
Plan Participants' Contributions	None required or allowed.
Maximum on Benefits and Pay	All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes become effective. Increases in the dollar limits are assumed for determining pension cost but not for determining contributions.

Future Plan Changes

No future plan changes were recognized in determining pension cost or in determining minimum and maximum.

Changes in Benefits Valued Since Prior Year

There have been no changes in benefits valued since the prior year.

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

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Schedule SB, Line 24 — Change in Assumptions

In addition to the prescribed changes in the discount rate and mortality, the following assumptions were changed from the prior valuation:

1. The Social Security Wage Base increase assumption was decreased from 3.50% to 3.25%.

2. The assumed plan-related expenses added to the target normal cost were changed from $1,801,000 for 2010 to $2,080,152 for 2011.

3. Termination rates were updated for participants who are known to be exiting under the VOP during 2011.

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan
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Schedule SB, Line 25 — Change in Method

The valuation software used to produce the actuarial information submitted on this schedule is different than used for the previous valuation due to a change in both the enrolled actuary for the plan and the business organization providing actuarial services to the plan, and such change in software may be considered to be a method change. The new method is substantially the same as the method used by the prior enrolled actuary and is consistent with the description of the method contained in the prior actuarial valuation report and Schedule SB of Form 5500 (disregarding the effects of any changes that are automatically approved under final IRC 430 regulations). The funding target and target normal cost (without regard to any adjustments for employee contributions and plan-related expenses), as determined for the prior plan year by the new enrolled actuary (using the actuarial assumptions of the prior enrolled actuary and disregarding the effects of any changes that are automatically approved under final IRC 430 regulations) are both within 5% of those values as determined by the prior enrolled actuary. Therefore the change in funding method receives automatic approval under IRS Announcement 2010-3.

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Cinergy Corp. Union Employee's Retirement Income Plan
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Schedule SB, Line 26 — Schedule of Active Participant Data for participants with cash balance accounts

		Total Years of Credited Service									
Attained Age		<1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up
<25	Count	31	28	2	-	-	-	-	-	-	-
	Average cash balance	611	2,985								
25 to 29	Count	36	53	17	4	-	-	-	-	-	-
	Average cash balance	668	3,718								
30 to 34	Count	14	42	45	23	-	-	-	-	-	-
	Average cash balance		4,558	7,852	12,909						
35 to 39	Count	9	40	46	41	13	3	-	-	-	-
	Average cash balance		4,977	7,706	10,980						
40 to 44	Count	12	26	32	41	25	130	11	-	-	-
	Average cash balance		5,496	12,394	11,773	15,268	12,315				
45 to 49	Count	6	22	28	23	25	133	22	11	-	-
	Average cash balance		5,256	13,543	12,570	16,095	16,133	21,946			
50 to 54	Count	5	15	23	14	19	56	12	86	5	-
	Average cash balance			17,034			26,276		24,233		
55 to 59	Count	4	5	15	3	4	26	11	20	11	7
	Average cash balance						24,018		35,651		
60 to 64	Count	-	-	6	-	-	13	2	2	3	4
	Average cash balance										
65 to 69	Count	-	-	-	-	-	2	-	-	-	2
	Average cash balance										
70 & up	Count	-	-	-	-	-	-	-	-	-	-
	Average cash balance										

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Schedule SB, Line 26 – Schedule of Active Participant Data

		Total Years of Credited Service									
Attained Age		**<1**	**1 to 4**	**5 to 9**	**10 to 14**	**15 to 19**	**20 to 24**	**25 to 29**	**30 to 34**	**35 to 39**	**40 & up**
<25	Count	31	28	2	-	-	-	-	-	-	-
	Average Earnings	27,115	39,521								
25 to 29	Count	36	53	20	4	-	-	-	-	-	-
	Average Earnings	30,393	49,140	61,840							
30 to 34	Count	14	42	49	26	-	-	-	-	-	-
	Average Earnings		52,497	76,603	80,568						
35 to 39	Count	9	40	48	44	15	3	-	-	-	-
	Average Earnings		54,044	77,570	81,154						
40 to 44	Count	12	26	35	44	28	136	11	-	-	-
	Average Earnings		56,626	75,157	77,828	80,344	77,537				
45 to 49	Count	6	22	29	27	27	177	40	31	-	-
	Average Earnings		43,479	71,585	77,731	75,315	77,937	73,897	76,201		
50 to 54	Count	5	15	23	15	20	136	42	247	21	-
	Average Earnings			63,546		74,917	74,573	71,508	74,015	71,781	
55 to 59	Count	4	5	16	4	9	71	29	94	60	19
	Average Earnings						70,062	74,807	72,608	72,358	
60 to 64	Count	1	-	6	-	1	36	9	19	12	23
	Average Earnings						66,131				78,902
65 to 69	Count	-	-	-	-	1	3	1	2	2	4
	Average Earnings										
70 & up	Count	-	-	-	-	-	-	-	-	-	-
	Average Earnings										

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Schedule SB, Line 19 — Discounted Employer Contributions

Date of Contribution	Amount	Year Applied	Effective Interest Rate	Interest Adjusted Contribution
12/16/2011	49,000,000	2011	6.29	46,223,742

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Schedule SB, Line 22 - Description of Weighted Average Retirement Age

See Schedule SB, Part V Statement of Actuarial Assumptions / Methods for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

Sample Calculation of Retirement Age for Active Cash Balance Participants

Retirement Age (1)	Assumed Rate (2)	Participants At Beginning (3)	Participants Retiring: (2)x(3) (4)	(1)*(4) (5)
50	0.0400	1,000.00	40.00	2,000.00
51	0.0400	960.00	38.40	1,958.40
52	0.0400	921.60	36.86	1,916.72
53	0.0400	884.74	35.39	1,875.67
54	0.0400	849.35	33.97	1,834.38
55	0.2000	815.38	163.08	8,969.40
56	0.1000	652.30	65.23	3,652.88
57	0.1000	587.07	58.71	3,346.47
58	0.1000	528.36	52.84	3,064.72
59	0.1000	475.52	47.55	2,805.45
60	0.2500	427.97	106.99	6,419.40
61	0.1000	320.98	32.10	1,958.10
62	0.3000	288.88	86.66	5,372.92
63	0.1500	202.22	30.33	1,910.79
64	0.1500	171.89	25.78	1,649.92
65	0.7500	146.11	109.58	7,122.70
66	0.2000	36.53	7.31	482.46
67	1.0000	29.22	29.22	1,957.74
			1,000.00	58,298.12

58,298.12 / 1,000 = 58.30

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Schedule SB, Line 22 - Description of Weighted Average Retirement Age

Sample Calculation of Retirement Age for Active Traditional Participants

Retirement Age (1)	Assumed Rate (2)	Participants At Beginning (3)	Participants Retiring: (2)x(3) (4)	(1)*(4) (5)
50	0.0100	1,000.00	10.00	500.00
51	0.0100	990.00	9.90	504.90
52	0.0100	980.10	9.80	509.60
53	0.0100	970.30	9.70	514.10
54	0.0100	960.60	9.61	518.94
55	0.0200	950.99	19.02	1,046.10
56	0.0200	931.97	18.64	1,043.84
57	0.0500	913.33	45.67	2,603.19
58	0.0500	867.66	43.38	2,516.04
59	0.0500	824.28	41.21	2,431.39
60	0.1000	783.07	78.31	4,698.60
61	0.0500	704.76	35.24	2,149.64
62	0.2000	669.52	133.90	8,301.80
63	0.1500	535.62	80.34	5,061.42
64	0.1500	455.28	68.29	4,370.56
65	0.7500	386.99	290.24	18,865.60
66	0.2000	96.75	19.35	1,277.10
67	1.0000	77.40	77.40	5,185.80
			1000.00	62,098.62

62,098.62 / 1,000 = 62.1

All Groups

Group	Number of Active Participants*	Retirement Age
Cash Balance Participants	560	58.30
Traditional Participants	1,445	62.10
Average Age		61.04
Rounded for Schedule SB Item 22		61

*There are 65 other active employees with different retirement decrement patterns not reflected above.

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Schedule SB, Part V — Statement of Actuarial Assumptions and Methods

Statement of actuarial assumptions and methods

Assumptions and methods for contribution purposes

Actuarial Assumptions and Methods — Contributions

Economic Assumptions

Interest rate basis:

Applicable month	September 2010
Yield curve basis	Segment rates with a four-month lookback

Interest rates:

First segment rate	3.78%
Second segment rate	6.31%
Third segment rate	6.57%
Effective interest rate	6.29%

Annual rates of increase

Compensation:

Minimum Funding Target Normal Cost — Based on estimated 2011 earnings.

Maximum Tax Expected Benefit Increase

— Salary Increase Rates for after 2011

Age	Rate	Age	Rate
15	9.50%	35	4.00%
16	9.50%	36	4.00%
17	9.50%	37	4.00%
18	9.50%	38	4.00%
19	9.50%	39	4.00%
20	9.50%	40	3.50%
21	9.50%	41	3.50%
22	9.50%	42	3.50%
23	9.50%	43	3.50%
24	9.50%	44	3.50%

	25	8.50%	45+	3.50%
	26	8.50%		
	27	8.50%		
	28	8.50%		
	29	8.50%		
	30	5.50%		
	31	5.50%		
	32	5.50%		
	33	5.50%		
	34	5.50%		

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Future Social Security wage bases	3.25%
Cash Balance Interest Crediting Rate	4.50%
Assumed IRC §417(e) Conversion Basis	Based on the segment rates described above and the current §417(e) mortality table.

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Schedule SB, Part V — Statement of Actuarial Assumptions and Methods

Demographic Assumptions

Inclusion date	The valuation date coincident with or next following the date on which the employee is hired.
New or rehired employees	It was assumed there will be no new or rehired employees.
Mortality	
Healthy and Disabled	2011 Static Mortality Table for Annuitants and Non-Annuitants Per §1.430(h)(3)-1(e).
Termination	Participants who have elected to leave under the VOP but have not yet terminated on the valuation date are assumed to terminate with 100% probability on 7/1/2011. For all other participants, rates vary by age and service

Representative Termination Rates

—	Percentage leaving during the year				
	Years of Service			Years of Service	
Age	0-1	2+	Age	0-1	2+
15	20.00%	15.00%	40	16.00%	2.50%
16	20.00%	15.00%	41	16.00%	2.50%
17	20.00%	15.00%	42	16.00%	2.50%
18	20.00%	15.00%	43	16.00%	2.50%
19	20.00%	15.00%	44	16.00%	2.50%
20	20.00%	15.00%	45	15.00%	2.00%
21	20.00%	15.00%	46	15.00%	2.00%
22	20.00%	15.00%	47	15.00%	2.00%
23	20.00%	15.00%	48	15.00%	2.00%
24	20.00%	15.00%	49	15.00%	2.00%
25	19.00%	10.00%	50	14.00%	2.00%
26	19.00%	10.00%	51	14.00%	2.00%
27	19.00%	10.00%	52	14.00%	2.00%
28	19.00%	10.00%	53	14.00%	2.00%
29	19.00%	10.00%	54	14.00%	2.00%
30	18.00%	5.50%	55+	0.00%	0.00%
31	18.00%	5.50%			
32	18.00%	5.50%			
33	18.00%	5.50%			
34	18.00%	5.50%			
35	17.00%	3.50%			

36	17.00%	3.50%
37	17.00%	3.50%
38	17.00%	3.50%
39	17.00%	3.50%

Disability

The rates at which participants become disabled by age are shown below:

Percentage becoming disabled during the year			
Age	Rate	Age	Rate
15	0.08%	40	0.17%
16	0.08%	41	0.19%
17	0.08%	42	0.20%
18	0.08%	43	0.22%
19	0.08%	44	0.23%
20	0.08%	45	0.25%
21	0.08%	46	0.28%
22	0.08%	47	0.32%
23	0.08%	48	0.35%
24	0.08%	49	0.39%
25	0.08%	50	0.42%
26	0.08%	51	0.49%
27	0.08%	52	0.56%
28	0.08%	53	0.62%
29	0.08%	54	0.69%
30	0.10%	55	0.76%
31	0.11%	56	0.91%
32	0.11%	57	1.06%
33	0.12%	58	1.20%
34	0.12%	59	1.35%
35	0.13%	60+	1.50%
36	0.14%		
37	0.15%		
38	0.15%		
39	0.16%		

Retirement

Rates varying by age for terminated vested participants and active Cash Balance participants. Rates varying by age and service for active Traditional participants and active Traditional Choice participants.

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Schedule SB, Part V — Statement of Actuarial Assumptions and Methods

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For purposes of determining the Funding Target and Target Normal Cost (both disregarding at-risk assumptions), the rates at which participants retire by age (and service, if applicable) are shown below.

— Retirement Rates – Active Cash Balance Participants

Age	Rate	Age	Rate
50	4%	60	25%
51	4%	61	10%
52	4%	62	30%
53	4%	63	15%
54	4%	64	15%
55	20%	65	75%
56	10%	66	20%
57	10%	67+	100%
58	10%		
59	10%		

— Retirement Rates – Traditional Participants and Traditional Choice Participants (Years of Service between 0 and 27)

	Years of Service					
Age	0-22	23	24	25	26	27
50	1%	1%	1%	2%	2%	2%
51	1%	1%	1%	2%	2%	2%
52	1%	1%	1%	2%	2%	2%
53	1%	1%	1%	2%	2%	2%
54	1%	1%	1%	2%	2%	2%
55	2%	2%	2%	5%	5%	5%
56	2%	2%	2%	5%	5%	5%
57	5%	5%	5%	5%	5%	5%
58	5%	5%	5%	5%	5%	15%
59	5%	5%	5%	5%	15%	15%
60	10%	10%	10%	15%	15%	15%
61	5%	5%	15%	15%	15%	15%
62	20%	35%	35%	35%	35%	35%
63	15%	15%	15%	15%	15%	15%
64	15%	15%	15%	15%	15%	15%
65	75%	75%	75%	75%	75%	75%
66	20%	20%	20%	20%	20%	20%

67+	100%	100%	100%	100%	100%	100%

— Retirement Rates – Traditional Participants and Traditional Choice Participants (Years of Service between 28 and 30+)

	Years of Service		
Age	28	29	30+
50	2%	2%	2%
51	2%	2%	2%
52	2%	2%	2%
53	2%	2%	2%
54	2%	2%	2%
55	5%	5%	30%
56	5%	10%	25%
57	15%	15%	25%
58	15%	15%	30%
59	15%	15%	15%
60	15%	15%	20%
61	15%	15%	20%
62	35%	35%	20%
63	15%	15%	15%
64	15%	15%	15%
65	75%	75%	75%
66	20%	20%	20%
67+	100%	100%	100%

— Retirement Rates – Terminated Vested Participants

Age	Rate	Age	Rate
50	2%	60	20%
51	2%	61	15%
52	2%	62	30%
53	2%	63	15%
54	2%	64	15%
55	20%	65+	100%
56	7%		
57	7%		
58	7%		
59	7%		

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

EIN: 20-2777218/PN: 009

Schedule SB, Part V — Statement of Actuarial Assumptions and Methods

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Benefit commencement date	
Preretirement death benefit	Date of Death.
Deferred vested benefit	Upon termination of employment.
Disability benefit	Normal Retirement Date.
Retirement benefit	Upon termination of employment.
Form of payment	• Cash Balance Participants: 100% elect the Lump Sum. • Traditional Plan Participants: 65% elect the 100% Contingent Annuity. 35% elect the Single Life Annuity. • Traditional Choice Participants: 100% elect the Lump Sum.
Percent married	It is assumed that 85% of males and 85% of females have an eligible spouse.
Spouse age	Males are three years older than their spouses.
Covered pay	
Before 2011	Actual historical pensionable earnings.
2011	2011 pay estimated as the sum of: • Actual earnings through March 31, 2011 (includes bonus and incentive payments made in the first quarter). • Expected base pay for the remaining nine months of the year (estimated by using the base pay rate in effect on April 1, 2011). • Assumed overtime for the remaining nine months of the year.
2012+	Estimated 2011 pay (for projection purposes) is projected forward using the salary scale, where 2011 pay is estimated as the sum of: • Expected base pay (estimated by using the pay rate in effect on April 1, 2011). • Assumed overtime. • Assumed target bonus.
Overtime Assumption *Applies to non-exempt employees only*	The overtime assumption is expressed as a percentage of base pay and varies by pay level: • 5% for those with low base pay (under $50,000) • 15% for those with medium base pay • 20% for those with high base pay (over $67,500)
Vacation Bank	Final pay is loaded for vacation buy-back based on actual vacation banks accrued to date.

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

EIN: 20-2777218/PN: 009

Schedule SB, Part V — Statement of Actuarial Assumptions and Methods

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Methods

Valuation date	January 1, 2011.
Funding target	Present value of accrued benefits The IRC §430 regulations describe the required methodology for attributing benefits among Funding Target, current year Target Normal Cost, and future years' Target Normal Costs for disability benefits, Social Security benefits, death benefits and other ancillary benefits. For most such benefits, the required attribution methodology is clear. If the plan includes any benefits for which the attribution methodology was not clear, and the regulations required interpretation, consider describing the benefit and the attribution methodology used.
Target normal cost	Present value of benefits expected to accrue during plan year plus plan-related expenses expected to be paid from plan assets during plan year.
Trust expenses included in target normal cost	Provided by Duke Energy Corporation. $2,080,152 for 2011.
Actuarial value of assets	• Smoothed fair market value of assets over the current and prior three months, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value. • The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years.
Actuarial method	• Standard Unit Credit Cost Method.
Benefits not valued	• All benefits described in the Plan Provisions section of this report were valued except prior plan benefits and grandfathered benefits for active employees. Based on discussions with Duke Energy Corporation, such benefits are considered to have a de minimis likelihood of being paid and thus are not required to be valued, and will not be valued. Towers Watson has reviewed the plan provisions with Duke Energy Corporation and, based on that review, is not aware of any significant benefits required to be valued that were not.
Change in assumptions and methods since prior valuation	• The segment interest rates used to calculate the funding target and target normal cost were updated from an applicable month of September 2009 to September 2010. • The required mortality table used to calculate the funding target and target normal cost was updated to include one additional year of projected mortality improvements. • The Social Security Wage Base increase assumption was decreased from 3.50% to 3.25%. • The assumed plan-related expenses added to the target

normal cost were changed from $1,801,000 for 2010 to $2,080,152 for 2011.

- Termination rates were updated for participants who are known to be exiting under the VOP during 2011.

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

EIN: 20-2777218/PN: 009

Schedule SB, Part V — Summary of plan provisions

Summary of plan provisions

Plan Provisions

Plan was restated effective January 1, 2011.

Eligible Employees	Legacy Cinergy employees (other than leased employees) covered by a collective bargaining agreement which provides for participation in the plan.
Participation Date	Later of January 1, 2003, Employment Commencement Date, or age 18.

Definitions

Service	Employees (other than intermittent or temporary employees) generally earn one month of Service for each calendar month in which he/she is a participant in the Plan and is credited with at least one hour of service. Other rules may apply prior to January 1, 1998.
Earnings	Generally equal to total salary or wages, including overtime and bonuses, before any reductions under Section 125 and 401(k), but exclusive of any Company contributions to employee benefit plans and additional remuneration or expense reimbursement. Compensation considered for benefit purposes is limited based upon the provision of the IRC Section 401(a)(17).
Highest Average Earnings	Highest Average Annual Earnings for any three consecutive calendar years during the last 10 years of Participation.
Covered Compensation	35-year average of Social Security Wage Bases based on Year-of-Birth Table.
Participation	Employees (other than intermittent or temporary employees) generally earn one month of Participation for each calendar month in which he/she is a participant in the Plan and is credited with at least one hour of service. Other rules may apply prior to January 1, 1998.
Normal Retirement Age	Age 65.

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

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Schedule SB, Part V — Summary of plan provisions

Eligibility for Benefits

Normal Retirement	Retirement at normal retirement age.
Early Retirement	Age 50 and three years of service. (Five years of service prior to January 1, 2007).
Postponed Retirement	Retirement after normal retirement age.
Vested Termination	Three years of service. (Five years of service prior to January 1, 2007.)
Disability	Participants are immediately vested upon disability. (Five years of service were required prior to January 1, 2007.)
Preretirement Death Benefit	
Traditional Program	Married participants. (Five years of service prior to January 1, 2007.)
Cash Balance Program	All participants are immediately vested upon death and the benefit will be paid to the spouse, beneficiary, or estate.

Benefits Paid Upon the Following Events

Normal Retirement

Participant's retirement formula is either based on a final average pay formula ("Traditional Program"), a cash balance plan account ("Cash Balance Program"), or a combination of both.

Traditional Program participants governed by a collective bargaining agreement with the United Steelworkers of America, Local 12049 and Local 5541-06 (a "USWA Employee") were given the choice to stay in the Traditional Program and continue to accrue benefits or to enter the Duke Cash Balance Program with a $0 opening account balance and a soft freeze (frozen credited service and increasing final average pay) on their Traditional Benefit, effective January 1, 2008. Active USWA participants in the Balanced and Investor Cash Balance Programs were moved to the Duke Cash Balance Program on January 1, 2008. Effective January 1, 2012, participants who elected to stay in the Traditional Program in 2008 who are not age 50 with 25 years of service will automatically be moved into the Cash Balance Program with a hard freeze on their Traditional Benefit. Participants who meet the age 50 and 25 years of service requirement will be allowed another choice to move to the Cash Balance program on January 1, 2012.

Balanced and Investor Cash Balance Program participants governed by a collective bargaining agreement with the International Brotherhood of Electrical Workers, Local 352 (an "IBEW 352 Employee") were moved to the Duke Cash Balance Program on July 1, 2008.

Balanced and Investor Cash Balance Program participants governed by a collective bargaining agreement with the Employees' Representation Association (an "ERA Employee") were moved to the Duke Cash Balance Program on January 1, 2009.

Traditional Program participants governed by a collective bargaining agreement with the Utility Workers of America, Local 600 (a "UWUA Employee") were given the choice to stay in the Traditional Program and continue to accrue benefits or to enter the Duke Cash Balance Program with a $0 opening account balance and a soft freeze (frozen credited service and increasing final average pay) on their Traditional Benefit effective January 1, 2009. Active UWUA participants in the Balanced and Investor Cash Balance Programs were moved to the Duke Cash Balance Program on January 1, 2009. Effective January 1, 2013, participants who elected to stay in the Traditional Program in 2009 who are not age 50 with 25 years of service will automatically be moved into the Cash Balance Program with a hard freeze on their Traditional Benefit. Participants who meet the age 50 and 25 years of service requirement will be allowed another choice to move to the Cash Balance program on January 1, 2013.

Traditional Program participants governed by a collective bargaining agreement with Local Union 1347 of the International Brotherhood of Electrical Workers (an "IBEW 1347 Employee") were given the choice to stay in the Traditional Program and continue to accrue benefits or to enter the Duke Cash Balance Program with a $0 opening account balance and a soft freeze (frozen credited service and increasing final average pay) on their Traditional Benefit effective January 1, 2010. Active IBEW 1347 participants in the Balanced and Investor Cash Balance Programs were moved to the Duke Cash Balance Program on January 1, 2010. Effective January 1, 2014, participants who elected to stay in the Traditional Program in 2010 whose age plus service is less than 75 will automatically be moved into the Cash Balance Program with a hard freeze on their Traditional Benefit.

Duke Cash Balance Formula

A cash balance benefit with monthly pay credits based on the following schedule:

Pay Credit by Points for Duke Energy Corporation Cash Balance Formula

Points	Contribution Credit Percentage
<35	4%, plus 4% of pay over Social Security Wage Base
35-49	5%, plus 4% of pay over Social Security Wage Base
50-64	6%, plus 4% of pay over Social Security Wage Base
>64	7%, plus 4% of pay over Social Security Wage Base

A participant's points as of any January 1 (or date of participation) equal the sum of the attained age and creditable service on such date, with the sum truncated to drop less than full points.

The monthly interest adjustment is a percentage increase in the account balance. The rate of monthly increase is the average yield on 30-year Treasury bonds for the end of the third full business week of the month

	prior to the beginning of the calendar quarter in which the particular month occurs. The interest factor will not be greater than an annual percentage rate of 9% and not less than 4%.
Traditional Program	Effective January 1, 2007, the plan was amended to adopt a minimum benefit formula on benefit accruals beginning January 1, 2005. The benefit is the greater of Formula A or Formula B. Formula A: 1.10% of FAP plus 0.50% of FAP in excess of Covered Compensation multiplied by service (maximum 35 years); plus 1.55% of FAP multiplied by service over 35 years. Formula B: Lesser of 1.12% of FAP plus 0.50% of FAP in excess of Covered Compensation multiplied by service (maximum 35 years) or 1.163% of FAP multiplied by service (maximum 35 years); plus 1.492% of FAP multiplied by service over 35 years.
Early Retirement	
Traditional Program	A monthly benefit equal to the Normal Retirement benefit based on Years of Participation and Highest 3-Year Average Earnings at the date of termination. If payments begin before age 62, the payments are reduced by 6.67% per year for the first five years, 3.33% per year for the next four years, and by varying percentages thereafter. No reductions apply if a participant retires at age 55 with 85 age plus service points.
Cash Balance Program	Participants are always entitled to their entire vested cash balance at termination or retirement.
Postponed Retirement	Monthly pension benefit determined as of actual retirement date.
Vested Termination	
Traditional Program	A monthly benefit equal to the Normal Retirement benefit based on Highest Average Earnings and years of Participation at the date of termination. Payments may begin after the eligibility requirements for Early Retirement have been satisfied. Vested Termination benefits that begin before Normal Retirement will be reduced 5% per year from age 65. Traditional Choice participants can receive this benefit as a lump sum any time after separation from the company.
Cash Balance Program	Participants are always entitled to their entire vested cash balance at termination or retirement.
Disability	
Traditional Program	Normal Retirement benefit based on Highest Average Earnings at the date of disability and years of Participation at the date of retirement. Payments may begin after the eligibility requirements for Early Retirement have been satisfied. Disability benefits that begin before Normal Retirement will be reduced using the same reductions used for Early Retirement. Traditional Choice participants can receive this benefit as a lump sum any time after separation from the company.
Cash Balance Program	Participants are always entitled to their entire vested cash balance upon disability.

Preretirement Death	
Traditional Program	Under age 50: 100% of Normal Retirement benefit as of the participant's date of death, reduced actuarially for 100% Contingent Annuitant option, and reduced for payment at the participant's earliest retirement eligibility. Traditional Choice participants can receive this benefit as a lump sum immediately. Age 50 and older: 100% of Normal Retirement benefit as of the participant's date of death, payable immediately, reduced as applicable for early payment.
Cash Balance Program	The participant's beneficiary is entitled to the entire vested cash balance upon the participant's death.

Other Plan Provisions

Normal Form of Annuity	
Without Spouse	Life Annuity.
Cash Balance Participants with Spouse	100% Joint and Survivor Annuity.
Traditional Participants with Spouse	Contingent Annuitant option actuarially equivalent to the retirement benefit payable for employee's lifetime. Participant receives reduced lifetime benefit and, in event of participant's death, 100% of reduced benefit continued to surviving spouse. If spouse dies before participant, benefit increases to life annuity value.
Optional Forms of Annuity	Life Annuity; Contingent Annuitant with "pop-up" (50%, 66 2/3% or 100%); 10-year Certain and Life; Life Annuity Level Income Option; 100% Contingent Annuitant Level Income Option with pop-up; Lump Sum (Cash Balance Program and Frozen Traditional Program).
Cash Balance Actuarial Equivalence	*Used to convert Cash Balance Account to a Single Life Annuity.*
Mortality	Applicable mortality under IRC Section 417(e).
Interest	Applicable interest under IRC Section 417(e). Look back month is August prior to the beginning of the Plan Year during which the Annuity Starting Date falls.
Actuarial Equivalence (non-Duke Account)	*Used to convert Single Life Annuity to other optional forms with the exception of Lump Sums and Level Income Options.*
Mortality	Participants: UP-1984 Table. Beneficiaries and Contingent Annuitants: UP-1984 Table, with ages rated down three years.
Interest	7.5% per year.

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

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Schedule SB, Part V — Summary of plan provisions

Actuarial Equivalence (Duke Account)	*Used to convert Duke Account Single Life Annuity to other optional forms with the exception of Lump Sums and Level Income Options.*
Mortality	1983 Group Annuity Mortality Weighted 50% male and 50% female.
Interest	7%.
Lump Sum and Level Income Option Actuarial Equivalence	*Used to convert Single Life Annuity to Lump Sums and Level Income Options.*
Mortality	Applicable mortality under IRC Section 417(e).
Interest	Applicable interest under IRC Section 417(e). Look back month is August prior to the beginning of the Plan Year during which the Annuity Starting Date falls.
Pension Increases	None.
Plan Participants' Contributions	None required or allowed.
Maximum on Benefits and Pay	All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes become effective. Increases in the dollar limits are assumed for determining pension cost but not for determining contributions.

Future Plan Changes

No future plan changes were recognized in determining pension cost or in determining minimum and maximum.

Changes in Benefits Valued Since Prior Year

There have been no changes in benefits valued since the prior year.

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

EIN: 20-2777218/PN: 009

Schedule SB, Line 24 — Change in Assumptions

In addition to the prescribed changes in the discount rate and mortality, the following assumptions were changed from the prior valuation:

1. The Social Security Wage Base increase assumption was decreased from 3.50% to 3.25%.

2. The assumed plan-related expenses added to the target normal cost were changed from $1,801,000 for 2010 to $2,080,152 for 2011.

3. Termination rates were updated for participants who are known to be exiting under the VOP during 2011.

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employees' Retirement Income Plan

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Schedule SB, Line 25 — Change in Method

The valuation software used to produce the actuarial information submitted on this schedule is different than used for the previous valuation due to a change in both the enrolled actuary for the plan and the business organization providing actuarial services to the plan, and such change in software may be considered to be a method change. The new method is substantially the same as the method used by the prior enrolled actuary and is consistent with the description of the method contained in the prior actuarial valuation report and Schedule SB of Form 5500 (disregarding the effects of any changes that are automatically approved under final IRC 430 regulations). The funding target and target normal cost (without regard to any adjustments for employee contributions and plan-related expenses), as determined for the prior plan year by the new enrolled actuary (using the actuarial assumptions of the prior enrolled actuary and disregarding the effects of any changes that are automatically approved under final IRC 430 regulations) are both within 5% of those values as determined by the prior enrolled actuary. Therefore the change in funding method receives automatic approval under IRS Announcement 2010-3.

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
Cinergy Corp. Union Employee's Retirement Income Plan
EIN: 20-2777218/PN: 009
Schedule SB, Line 26 – Schedule of Active Participant Data

		Total Years of Credited Service									
Attained Age		<1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up
<25	Count	31	28	2	-	-	-	-	-	-	-
	Average Earnings	27,115	39,521								
25 to 29	Count	36	53	20	4	-	-	-	-	-	-
	Average Earnings	30,393	49,140	61,840							
30 to 34	Count	14	42	49	26	-	-	-	-	-	-
	Average Earnings		52,497	76,603	80,568						
35 to 39	Count	9	40	48	44	15	3	-	-	-	-
	Average Earnings		54,044	77,570	81,154						
40 to 44	Count	12	26	35	44	28	136	11	-	-	-
	Average Earnings		56,626	75,157	77,828	80,344	77,537				
45 to 49	Count	6	22	29	27	27	177	40	31	-	-
	Average Earnings		43,479	71,585	77,731	75,315	77,937	73,897	76,201		
50 to 54	Count	5	15	23	15	20	136	42	247	21	-
	Average Earnings			63,546		74,917	74,573	71,508	74,015	71,781	
55 to 59	Count	4	5	16	4	9	71	29	94	60	19
	Average Earnings						70,062	74,807	72,608	72,358	
60 to 64	Count	1	-	6	-	1	36	9	19	12	23
	Average Earnings						66,131				78,902
65 to 69	Count	-	-	-	-	1	3	1	2	2	4
	Average Earnings										
70 & up	Count	-	-	-	-	-	-	-	-	-	-
	Average Earnings										

ATTACHMENT TO 2011 FORM 5500, SCHEDULE SB
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Schedule SB, Line 26 – Schedule of Active Participant Data for participants with cash balance accounts

		Total Years of Credited Service									
Attained Age		<1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up
<25	Count	31	28	2	-	-	-	-	-	-	-
	Average cash balance	611	2,985								
25 to 29	Count	36	53	17	4	-	-	-	-	-	-
	Average cash balance	668	3,718								
30 to 34	Count	14	42	45	23	-	-	-	-	-	-
	Average cash balance		4,558	7,852	12,909						
35 to 39	Count	9	40	46	41	13	3	-	-	-	-
	Average cash balance		4,977	7,706	10,980						
40 to 44	Count	12	26	32	41	25	130	11	-	-	-
	Average cash balance		5,496	12,394	11,773	15,268	12,315				
45 to 49	Count	6	22	28	23	25	133	22	11	-	-
	Average cash balance		5,256	13,543	12,570	16,095	16,133	21,946			
50 to 54	Count	5	15	23	14	19	56	12	86	5	-
	Average cash balance			17,034			26,276		24,233		
55 to 59	Count	4	5	15	3	4	26	11	20	11	7
	Average cash balance						24,018		35,651		
60 to 64	Count	-	-	6	-	-	13	2	2	3	4
	Average cash balance										
65 to 69	Count	-	-	-	-	-	2	-	-	-	2
	Average cash balance										
70 & up	Count	-	-	-	-	-	-	-	-	-	-
	Average cash balance										