Large Filing Separator Sheet

Case Number: 11-3549-EL-SSO

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Section: 9

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Description of Document: Application

VIII. PROVISIONS TO MAINTAIN THE COST ALLOCATION MANUAL.

Duke Energy Ohio maintains its CAM in accordance with O.A.C. §4901:1-20-16(J)(8).

The CAM is organized according to the aforementioned provision and includes the following

information:

(1) An organization chart of the holding company, depicting all affiliates, as well as a description of activities in which the affiliates are involved.

(2) A description of all assets, services, and products provided to and from the electric utility and its affiliates.

(3) All documentation including written agreements, accounting bulletins, procedures, work order manuals, or related documents, which govern how costs are allocated between affiliates.

(4) A copy of the job description of each shared employee.

(5) A list of names and job summaries for shared consultants and shared independent contractors.

(6) A copy of all transferred employees' (from the electric utility to an affiliate or vice versa) previous and new job descriptions.

(7) A log detailing each instance in which the electric utility exercised discretion in the application of its tariff provisions.

(8) A log of all complaints brought to the electric utility regarding this chapter.

(9) A copy of the minutes of each board of directors meeting, where it shall be maintained for a minimum of three years.

Duke Energy Ohio has established a CAM team comprised of representation from Duke

Energy's various departments including Rates, Regulatory Accounting, Corporate Accounting,

Human Resources (HR), Compliance and Legal. After initial development of the CAM, this

team meets periodically to review changes to Duke Energy Ohio's and its affiliates' business and

business practices, and will make the necessary modifications to the CAM. Duke Energy Ohio

will send to the Commission's director of utilities department, in accordance with O.A.C. 4901:1-20-16(J)(8), a summary of any significant changes in the CAM every twelve months, as applicable.

Duke Energy Ohio will keep CAM filed with its corporate entity records, located in the Legal Department, 25th Floor, Atrium II, Cincinnati, OH.

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IX. A DESCRIPTION AND TIMELINE OF ALL PLANNED TRAINING AND EDUCATION.

Duke Energy Corporation maintains a Corporate Compliance Department as part of its Office of General Counsel. Corporate Compliance is responsible for ensuring that Employees receive required training in areas such as FERC Standards of Conduct, FERC Affiliate Restrictions (formerly known as FERC Code of Conduct), Duke Energy's Code of Business Ethics, and various state codes of conduct. Corporate Compliance maintains copies of this training on the Duke Energy Portal, an internal website for all employees in the Duke Energy Corporate holding company structure. FERC Standards of Conduct and Affiliate Restrictions training is required for most new employees, and those employees receive that training on an annual basis thereafter. Code of Business Ethics training occurs upon hiring of a new employee and thereafter on a periodic basis, and when standards are revised.

The Ohio Corporate Separation/Code of Conduct Training will consist of the following steps:

3rd Quarter 2009

- Needs Assessment determine the specific needs of each of the target audience groups;
- 2. Refine curriculum and produce training materials;

Create roster of all employees in each target audience group.
 4th Ouarter 2009

4. Schedule training sessions for each target audience group;

5. Computer-based Code of Conduct training sessions;

6. Conduct follow-up and periodic training to ensure all targeted employees have received and thoroughly understand the Corporate Separation and Code of Conduct rules.

Additionally, the training will be repeated on a periodic, as-needed basis, as determined by Corporate Compliance to ensure that employees update and maintain their knowledge of Corporate Separation and Code of Conduct issues. Finally, this training curriculum will be built into Duke Energy Corporation's New Employee Orientation training such that targeted new employees will receive the necessary training on Corporate Separation and Code of Conduct policies and procedures as well.

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X. A COPY OF THE POLICY STATEMENT TO BE SIGNED BY ELECTRIC AND AFFILIATE EMPLOYEES WHO HAVE ACCESS TO ANY NONPUBLIC ELECTRIC UTILITY INFORMAITON.

Policy Statement

Each employee who has access to any nonpublic electric utility information will be required to electronically sign the Corporate Separation Policy Statement attached below. This will be administered during the computer-based training sessions to ensure that all affected employees electronically sign this agreement.

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DUKE ENERGY OHIO CORPORATE SEPARATION

POLICY STATEMENT

I hereby acknowledge that I am aware of, have read and will adhere to all policies and procedures regarding limitation on the use of nonpublic electric utility information. I also hereby acknowledge that failure to observe these limitations will result in appropriate disciplinary action.

I have also been made aware of Duke Energy Ohio's Cost Allocation Manual (CAM), including the appropriate costs and expenses which must be reported to the person in charge of Duke Energy Ohio's CAM. I have been given the opportunity to ask questions regarding Duke Energy Ohio's Corporate Separation Plan, Affiliate Code of Conduct and CAM and understand the compliance program included therein, including the appropriate method in which complaints are to be handled and the appropriate persons to whom possible violations should be reported. I have attended one or more training sessions offered by Duke Energy Ohio with regard to the implementation and operation of Duke Energy Ohio's Corporate Separation Plan.

XI. A DESCRIPTION OF TRAINING, INTERNAL COMPLIANCE MONITORING PROCEDURES AND METHODS FOR CORRECTIVE ACTION FOR NON-COMPLIANCE.

Corporate Separation/Code of Conduct Training plan has been designed to ensure that all employees throughout the Duke Energy Corporation holding company structure know and can implement the policies and procedures of Corporate Separation.

A. Training Goal:

The goal of the Corporate Separation/Code of Conduct Training is to ensure that those employees that may currently or in the future be affected by the Commission's rules thoroughly understand the policies and are provided with the resources they require to follow the Corporate Separation and Code of Conduct procedures.

The training will be provided not only to currently affected employees, but, on an on-going basis, will be provided to those new employees or employees who have become affected through changes in job responsibilities. A process to track changes in employees' job responsibilities, in order to ascertain whether they require this training, will be maintained by Duke Energy's Corporate Compliance Department.

B. Target Audience:

Generally, the Corporate Separation/Code of Conduct Training will be administered to all employees within the Duke Energy Corporation holding company structure who will be affected by compliance with the Commission's rules. Specifically, these employees include but are not limited to:

• Those employees having decision-making authority for approving transactions between Duke Energy Ohio and any of its affiliates;

- Those employees who have access to nonpublic Ohio electric utility information;
- Service company employees who are located in Ohio.

C. Curriculum:

The Corporate Separation/Code of Conduct Training curriculum generally will consist of the following:

- Present Overview of Corporate Separation/Code of Conduct;
- Explain Accounting Treatment of Affiliate Transactions, including review of SEC-approved Service Agreements;
- Identify Restrictions on Financial Arrangements;
- Discuss Duke Energy Ohio's Affiliate Code of Conduct;
- Explain Corporate Separation Complaint Procedures;
- Describe Cost Allocation Manual (CAM) and Associated Procedures;
- Explain Internal Compliance Monitoring, including reporting of possible violations.

The curriculum will be customized to the target audience. For example, emphasis will be placed on the Cost Allocation Manual in training employees in the accounting department.

D. Internal Compliance Monitoring:

To ensure that Duke Energy Ohio's Corporate Separation Plan and Affiliate Code of Conduct are properly implemented within the Duke Energy Corporation holding company structure, the following internal compliance monitoring process will be followed:

- Duke Energy's Office of General Counsel will ensure that all affected employees receive the Corporate Separation/Code of Conduct Training;
- After receiving the training described above, each employee will be required to attest to the Policy Statement contained in Section X of this document;
- 3. Duke Energy's Office of General Counsel will continue to provide a method for Employees to ask questions regarding the Corporate Separation/ Code of Conduct as well as the ability to report possible violations of the Corporate Separation and Code of Conduct Rules through posting of Compliance personnel contact information on the Duke Energy Portal, the "ComplianceReporting" mailbox, and through the "EthicsLine" (anonymous reporting).
- Possible violations reported to Duke Energy's Office of General Counsel will be investigated and documented. Upon completing the investigation, Duke Energy's Office of General Counsel will, if

appropriate, recommend to senior management a course of action, including refresher training, to correct repeat violations;

5. Senior management, upon reviewing the investigative report, will determine whether disciplinary action is required.

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XII. DESIGNATION OF THE ELECTRIC UTILITY'S COMPLIANCE OFFICER.

Duke Energy Corporation maintains a Corporate Compliance department within its Office of General Counsel. For purposes of this requirement, Duke Energy Ohio has designated an individual to act as a contact for the Commission Staff when seeking data regarding affiliate transactions, personnel transfers, and sharing of employees. This individual is:

> Elizabeth H. Watts 155 East Broad Street 21st Floor, Columbus, Ohio 43215

Telephone:	(614) 221-7551
Fax:	(614) 221-7556
e-mail:	Elizabeth.Watts@duke-energy.com

XIII. A DETAILED DESCRIPTION OUTLINING HOW THE ELECTRIC UTILITY AND ITS AFFLIATES WILL COMPLY WITH OAC 4901:1-37-05.

Pursuant to the approval Stipulation and Recommendation in Case No. 08-920-

EL-SSO, Duke Energy Ohio's corporate separation plan is subject to annual audit. Such

an audit will enable the Commission to confirm Duke Energy Ohio's compliance with

its internal Plan and the rules pursuant to which that Plan was developed.

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XIV. A DETAILED LISTING OF THE ELECTRIC UTILTIY'S ELECTRIC SERVICES AND THE ELECTRIC UTILTIY'S TRANSMISSION AND DISTRIBUTION AFFILIATES' ELECTIC SERVICES.

Duke Energy Ohio is an Ohio Corporation engaged in the business of supplying electric generation, transmission and distribution service to approximately 660,000 customers in southwestern Ohio, and is a public utility as defined by R. C. 4905.02 and R. C. 4905.03. Duke Energy Ohio provides competitive retail electric service to customers in its service territory pursuant to a Commission approved Standard Service Offer in the form of an Electric Security Plan ("ESP"). Duke Energy Ohio also provides regulated electric distribution service to its customers in Southwestern Ohio.

A. Generation:

In a Stipulation reached in Case No. 08-920-EL-SSO, establishing Duke Energy Ohio's Electric Security Plan ("ESP") price through 2011, Duke Energy Ohio agreed to continue to own and dedicate its "legacy Cinergy" generation assets to its Ohio-customers and not transfer those assets to an exempt wholesale generation ("EWG").³ Duke Energy has functionally separated the operation and maintenance of its generating portfolio from its regulated distribution service. As such, Duke Energy Ohio, as a regulated electric distribution company, treats its generation as a non-regulated affiliate and abides by both the FERC Standards of Conduct and Ohio's code of conduct.

B. Transmission:

Control of Duke Energy Ohio's transmission assets reside with a FERC approved transmission entity, the Midwest Independent System Operator (Midwest ISO). The

³ Duke Energy Ohio is permitted to transfer certain gas-fired generating assets that have become referred to as "Legacy Duke Energy North America [DENA]" generating assets.

Midwest ISO controls Duke Energy Ohio's transmission assets and does not have control of any generation assets. The transmission entity shall operate in the public interest by preventing any transmission owner or competitive retail electric market participant from gaining an unfair competitive advantage within the Midwest ISO control area and by preventing the abuse of market power.

The Midwesst ISO shall operate in the public interest by implementing efficient operating practices and procedures that prevent pan-caking, by improving transmission reliability, by encouraging an open generation market, eliminating barriers to entry in the generation market and by eliminating market control over bottlenecked transmission. The Midwest ISO shall be large in scale to increase supply options for consumers and shall maintain a Board of Directors independent of transmission users. The transmission entity shall operate in a manner designed to satisfy the requirements of its customers and shall maintain real-time reliability of the transmission system that it operates.

C. Distribution:

Duke Energy Ohio shall operate its distribution system under the governance and rate authority of the Commission. Duke Energy Ohio shall offer all customers safe and reliable distribution service on a non-discriminatory basis. Duke Energy Ohio's unbundled tariffs shall define rates for its distribution services and products. Duke Energy Ohio shall provide and operate new distribution facilities, or the extension of distribution facilities, pursuant to such unbundled tariffs and will not provide non-tariffed products and services absent Commission approval. Non-tariffed products and service offerings will be offered through non-regulated affiliates.

XV. A COMPLAINT PROCEDURE TO ADDRESS ISSUES CONCERNING COMPLIANCE WITH OAC 4901:1-37-05.

Duke Energy Ohio has adopted the complaint procedure set forth below. This complaint procedure is to be used to address complaints related to compliance with Duke Energy Ohio's Corporate Separation Plan. A copy of this complaint procedure will be made available upon request to:

> Associate General Counsel – Regulatory Section Duke Energy Ohio, Inc 139 East Fourth Street P. O. Box 960 Cincinnati, OH 45202

A. Complaint Procedure

The following complaint procedure is to be used to address complaints related to compliance with Duke Energy Ohio's Corporate Separation Plan.

- 1. All complaints, whether written or verbal, shall be referred to the compliance officer designated by Duke Energy Ohio or their designee.
- 2. The compliance officer, or its designee or designee shall orally acknowledge the complaint within five working days of its receipt.
- 3. The compliance officer or its designee or designee shall prepare a written statement of the complaint that shall contain the name of the complainant and a detailed factual report of the complaint, including all relevant dates, companies involved, employees involved, and the specific claim.
- 4. The compliance officer or designee shall communicate the results of the preliminary investigation to the complainant in writing within thirty days

after the complaint was received, including a description of any course of action that was taken.

- All written statements of complaints and required investigations shall keep a file in the CAM, in accordance with paragraph (J) of O.A.C. 4901:1-20-16, of all such complaint statements for a period of not less than three years.
- 6. This complaint procedure shall not in any way limit the rights of a party to file a complaint with the commission.

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DUKE ENERGY OHIO, INC.

Second Third Amended Corporate

Separation Plan

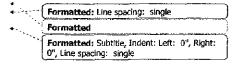
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SECOND-THIRD AMENDED CORPORATE SEPARATION

PLAN

I. OVERVIEW.

This Second-<u>Third</u> Amended Corporate Separation Plan (<u>Amended Plan</u>) describes the processes and controls that Duke Energy Ohio, Inc. ("Duke Energy Ohio"<u>or the Company</u>) has implemented, consistent with Ohio Administrative Code (<u>O.A.C.) Chapter</u> 4901:1-37 et seq., and Ohio Revised Code (<u>R.C.) Section</u> 4928.17. Duke Energy Ohio's initial Corporate Separation Plan was initially approved in Case No. 99-1658-EL-ETP. Duke Energy Ohio filed its Amended Corporate Separation Plan as part of its <u>Application application</u> to establish an Electric Security Plan (ESP) in Case No. 08-920-EL-UNC <u>et al.</u>. The Public Utilities Commission of Ohio (Commission) approved Duke Energy Ohio's ESP and Amended Corporate Separation Plan by order dated December 17, 2008. <u>Duke Energy Ohio's Second Amended Corporate Separation</u> Plan was filed in Case No. 09-495-EL-UNC and was approved by the Commission on April 5, 2011.

This <u>Hird-Amended Corporate Separation</u> Plan is designed to comply with the recently enacted-regulations set forth in Ohio-Administrative Code (OAC)O.A.C. Chapter 4901:1-37-et seq. This <u>Amended</u> Plan governs the corporate separation of noncompetitive retail electric service from competitive retail electric service as well as the products and services offered by certain affiliates of Duke Energy Ohio and is intended to be <u>complimentary-complementary</u> to Duke Energy Ohio's Cost Allocation Manual (CAM). Duke Energy Ohio's CAM generally describes how costs are allocated between and among Duke Energy Ohio and its affiliates. Formatted: Font: Italic

II. PROVISIONS THAT MAINTAIN STRUCTURAL SAFEGUARDS.

 $O_1 \Lambda_2 C_2$ 4901:1-37-4(Λ) sets forth required structural safeguards. Specifically, the

provision provides:

- (1) Each electric utility and its affiliates that provide services to customers within the electric utility's service territory shall function independently of each other.
- (2) Each electric utility and its affiliates that provide services to customers within the electric utility's service territory shall not share facilities and services if such sharing in any way violates paragraph (D) of this rule.
- (3) Cross-subsidies between an electric utility and its affiliates are prohibited. An electric utility's operating employees and those of its affiliates shall function independently of each other.
- (4) An electric utility may not share employees and/or facilities with any affiliate, if the sharing, in any way, violates paragraph (D) of this rule.
- (5) An electric utility shall ensure that all shared employees appropriately record and charge their time based on fully allocated costs.
- (6) Transactions made in accordance with rules, regulations, or service agreements approved by the federal energy regulatory commission, securities and exchange commission, and the commission, which rules the electric utility shall maintain in its cost allocation manual (CAM) and file with the commission, shall provide a rebuttable presumption of compliance with the costing principles contained in this chapter.

Except as permitted by the Commission's rules and Title 49, Ohio Revised Code (R.C.),

the Duke Energy Ohio and its affiliates that provide services to customers within Duke Energy

Ohio's service territory function independently of each other.

In December 2005, as a condition of the merger between Duke Energy Corporation

(Duke Energy) and Cinergy Corp., the companies agreed to enter into several service agreements

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that address, among other things, cost allocation, provision of services, and pricing of transactions between and among Duke Energy Corporation-holding company affiliates, including Duke Energy Ohio. These agreements include the Utility/Non-utility Service Agreement, the Service Company-Utility Service Agreement, the Operating Company/Non-utility Companies Service Agreement, and the Utility Money Pool Agreement. A summary of the various agreements and the services and pricing for transactions permitted therein is included in Section IV of this document. Copies of the agreements are included in and are more fully described in Duke Energy Ohio's CAM. Duke Energy Corporation holding company-monitors compliance with these agreements as part of its utility operations in Ohio, Indiana, Kentucky, North Carolina, and South Carolina.

In addition to the general separation of books and records between Duke Energy Ohio and its affiliates, Duke Energy Ohio has implemented various safe-guards to ensure compliance with the affiliate transaction rules and regulations. The Company has physically separated its regulated distribution business from its competitive retail electric service employees. Employee access to regulated and non-regulated areas is electronically monitored to ensure there is complete separation. All employees receive annual training regarding types of information that cannot be communicated between regulated and non-regulated businesses.

To achieve operating efficiencies, Duke Energy Business Services LLC (DEBS), an affiliated service company, provides support functions across the-Duke Energy-Corporation holding-company. These services include accounting, treasury, human resources, communications, and legal functions. In general, DEBS employees are permitted to have greater access to information across the regulated and non-regulated businesses, but are prohibited from sharing such information with an employee that-who is not permitted to directly-access the

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information <u>directly</u>. Costs related to DEBS employees are allocated pursuant to the Service Company/Utility Service Agreement <u>and the Service Company Nonutility Service Agreement</u> described in Section IV of this document.

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III. PROVISIONS THAT MAINTAIN SEPARATE ACCOUNTING.

Duke Energy Ohio maintains separate books and records from its affiliates in accordance with the Federal Energy Regulatory Commission's (FERC) Uniform System of Accounts (USoA). The FERC USoA designates specific accounts where regulated and non-regulated transactions are to be recorded. -Duke Energy Ohio and its affiliates have cost accounting procedures and systems in place and in operation that assure that each business unit and affiliate properly records the costs associated with that unit's or company's own activities and operations. These accounting procedures and systems are more fully set forth in the Company's CAM.

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IV. A LIST IDENTIFYING FINANCIAL ARRANGEMENTS AND TRANSACTIONS.

Financial arrangements between Duke Energy Ohio and its affiliates, except as the Commission may approve, are subject to the following restrictions: (i) any indebtedness incurred by an affiliate shall be without recourse to the electric utility; (ii) Duke Energy Ohio shall not enter into any agreement with terms under which the electric utility is obligated to commit funds to maintain the financial viability of an affiliate; (iii) Duke Energy Ohio shall not make any investment in an affiliate under any circumstances in which the electric utility would be liable for the debts and/or liabilities of the affiliate incurred as a result of actions or omissions of an affiliate; (iv) Duke Energy Ohio shall not issue any security for the purpose of financing the acquisition, ownership, or operation of an affiliate; (v) Duke Energy Ohio shall not assume any obligation or liability as a guarantor, endorser, surety, or otherwise with respect to any security of an affiliate; and (vi). Duke Energy Ohio shall not pledge, mortgage, or use as collateral any assets of the electric utility for the benefit of an affiliate.

Duke Energy Ohio and its utility and non-utility affiliates operate pursuant to the terms and conditions of various service agreements. The terms and conditions of these agreements set forth the cost allocations for the transactions that are permitted to occur pursuant to the various Agreements. Duke Energy Ohio maintains copies of the current agreements in its CAM. Many of these agreements were approved by the Public Utilities Commission of Ohio in Case No. 05-732-EL-MER as part of the merger between Duke Energy Corporation and Cinergy Corp.¹ In general, there are three primary cost allocations that affect Duke Energy Ohio and its affiliates:

¹ Duke Energy Ohio is a Party-party to other agreements with its utility affiliates that were not approved as part of the Duke-Cinergy merger. These agreements include but are not limited to the Miami Fort Operations Agreement, and Affiliate Inventory Asset Transfer Agreement, and the Natural Gas and Propane Services Agreement. These agreements allow Duke Energy Ohio to provide and receive services and goods at cost or otherwise according to FERC pricing regulations.

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(1)_cost allocations from DEBS, the subsidiary service <u>Company_company_of</u> Duke Energy Corporation; (2) cost allocations between Duke Energy Ohio and its wholly-_owned subsidiary Duke Energy Kentucky, Inc., for common costs; and (3) administrative and general (A&G) cost allocations between its gas and electric operations for both capital and expense accounts. The <u>Agreements agreements of which Duke Energy Ohio is a Party-party include the following:</u>

- Service Company—/Utility Service Agreement_- This agreement governs transactions between DEBS (the sService cCompany) and utility affiliates, including Duke Energy Ohio. This agreement was entered into as part of merger between Duke Energy and Cinergy Corporation. In its Opinion and Order dated December 21, 2005, the Commission approved this agreement in Case No. 05-732-EL-MER et al.² DEBS provides its services at cost, except that, solely for the purpose of Internal Revenue Code Section 482, Duke Energy Ohio shall pay DEBS the market value of services. However, notwithstanding the Section 482 exception, for rate making purposes, services are rendered to Duke Energy Ohio at cost.
- Operating Companies Service Agreement (Operating Company Agreement) This agreement governs transactions between Duke Energy Ohio and its utility affiliates. As compensation for any services rendered pursuant to the Operating Company Agreement, the company receiving services (Client Company) shall pay the service provider the fully embedded cost thereof (i.e., the sum of (i) direct costs, (ii) indirect costs and (iii) costs of capital), except to the extent otherwise required by Section 482 of the Internal Revenue Code. Services provided to or by

² In re-Mergerthe Matter of the Joint Application of Cinergy Corp., on Behalf of The Cincinnati Gas & Electric Company, and Duke Energy Holding Corp. for Consent and Approval of a Change of Control of The Cincinnati Gas & Electric Company, 05-732-EL-Mer-MER et al., (Opinion-Finding and Order)(-Dec. 21, 2005, at 14).

Duke Energy Carolinas shall be priced in accordance with Duke Energy Carolinas's North Carolina Code of Conduct, approved by the North Carolina Utilities Commission. In accordance with FERC regulations, generation services provided by the regulated utilities to Duke Energy Ohio "Generation" and vice versa, are subject to asymmetrical pricing.

- Operating Company/--Non-utility Companies Service Agreement (Affiliate Services Agreement) -- This agreement governs transactions between Duke Energy Ohio and certain of its non-utility affiliates. As compensation for any services rendered pursuant to the Affiliate Services Agreement, the client company shall pay the service provider the fully embedded costs thereof, except as required by 482 of the Internal Revenue Code.
- Joint Transmission System Planning and Operating Agreement This agreement addresses the allocation of transmission costs and revenues for the Duke Energy (Duke Energy Ohio and Duke Energy Indiana, Inc., [Duke Energy Indiana]) transmission system.
 - Utility Money Pool Agreement This agreement allows Duke Energy, DEBS, and Duke Energy's utility operating companies (including Duke Energy Ohio) to participate in a money pool arrangement, in order to better manage cash and working capital requirements. Under this arrangement, those companies with surplus short-term funds may contribute those funds into a money pool which is provided for short-term loans to affiliates (other than Duke Energy-Corporation) participating under this arrangement. This surplus cash may be from internal or external sources. Each party receiving a loan pursuant to the agreement must

repay the principal amount plus interest either on demand or within 365 days of receiving the loan. Interest incomes from the loans are allocated among the parties in proportion to their respective contribution to the funds.

- Tax Sharing Agreement This agreement, between Duke Energy and its subsidiaries, provides for a consolidated [Federal income tax return and the allocation of consolidated [Federal income tax liabilities and benefits among the parties to the agreement,
- Miami Fort Unit 6 Operation Agreement_- This agreement allows for Duke Energy Ohio to operate and maintain Duke Energy Kentucky's Miami Fort Unit 6 Generating Station. Duke Energy Ohio is required to provide material, fuel, equipment_ and services to Duke Energy Kentucky in accordance with good uHtility pPractice.
- Gas and Propane Services Agreement_This agreement allows for Duke Energy Ohio to provide certain necessary services for the operation of Duke Energy Kentucky's Woodsdale Generating Station, which was formerly owned by Duke Energy Ohio.
- Agreement for Gypsum and FGD Waste Material Disposal Services_-__ This agreement allows Duke Energy Kentucky to perform scrubber and FGD waste disposal services for Duke Energy Ohio.
- Inter-Company Asset Transfer Agreement: _ This Agreement permits asset transfer agreements for inventory items between Duke Energy Ohio and its sister <u>affiliated</u> regulated utility operating companies (Duke Energy Kentucky, Duke Energy Indiana, and Duke Energy Carolinas). The transfers are priced at the

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transferring party's fully embedded costs or through in-kind replacements, providing the transfers do not jeopardize the transferring party's ability to provide service. _The pricing under this agreement is consistent with Ohio's affiliate transaction pricing rules. The agreement was entered into as a result of affiliate pricing rules in other jurisdictions that would otherwise require such transactions to be priced according to stricter asymmetrical pricing rules. Duke Energy Ohio "Generation" and regulated utilities use FERC's asymmetrical pricing for transfers among themselves.

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V. <u>A LIST OF ALL CURRENT AFFILIATES IDENTIFYING EACH AFFILIATE'S²</u> PRODUCT(S) AND OR SERVICES(S).

Duke Energy Corporation has many economies <u>subsidiaries</u> within its family of companies. Duke Energy Corporation's Corporate Secretary maintains a list of all affiliates in the Duke Energy Corporate <u>h</u>Holding <u>c</u>Company structure, <u>which list</u> and will be made available to the Commission upon request. The <u>following list includes the list of affiliates within</u> Duke Energy Corporation as of <u>June 1, 2011March 31, 2009</u>.

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Nature of Business	Formed to be a special proposed vehicle for a project in developingot.	Pursuant to the ADAGE joint venture, this special purpose vehicle will be the owner of the 30m w biomass power plant currently under development in Hamilton County, FL.	Identify, evaluate, develop, and pursue Biomass opportunities in the US.	This special purpose vehicle will be the owner of the 55 MW biomass power flam currently under development in Mason Commuv. Washington, Jäsitibute a nertion of bulk-power much eine development of Jade Power Gummuv. For certain South Carolion rubble acontinue regiume. education prozenance ecommuc development, fonding und manufacturing compositiveness. Funding-	EUDC LOOD 1. Const. making	Distribute a portion of bulk power marketing revenues of Duke Power Company for certain South Carolina public assistance programs, education programs, economic development funding and manufacturing competitiveness funding.	FERC Form 1: Grant making	Advæntage-I(J is u leading-provider of compachensive cost munagement services fin utility, televam and svarte expenses: including strategic-energy management-services -fis patented terimolegy and services provide multi-site companies with eritical, yet-energy and services information that enables companies to protectively manage and reduce expenses. Advantage 4(2)-s patented Fiscility 4(2)TM System provides with a access to consolidated costs as well as powerdut analytical consultang services and real-time reporting taxis.	Peruvian limited liability company which provides thermal electric generation in the Peruvian Amazon Basin, and is dedicated to operations in connection to natural gas and derivates.	Delaware limited liability holding company which owns 97.2238% of Aguaytia Energy del Peru SRL Ltda.	To provide technical, engineering and procurement support services to and for the benefit of Member-owned or operated nuclear facilities.	Danish entity which holds 49% interest in Attiki Gas Supply Company SA. This entity is a partnership with Shell Gas BV.
Formation Date Incorporated	8002,8/2	5/6/2009	9/9/2008	101/2/1/21		7/9/2004		\$001:9/11	9661/1/01	10/24/1995	6/22/2007	10/1/2000
Jurisdiction of Formation Where incorporated	Guatemala	Delaware	Delaware	IDelawore South Garotime		South Carolina		Weshington State	Feru	Delaware	Delaware	Denmark
	Actividades A v D, S.A	ADAGE Hamilton LLC	ADAGE LLC	ADAGH Masson Advences		Advance SC LLC		Adrumtage KjInc.	Aguaytia Energy del Peru S.R.L. Ltda.	Aguaytia Energy, LLC	APOG, LLC	Attiki Denmark ApS

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Attiki Gas Supply Company S.A.	Greece	11/2/2001	Greek entity which setteend supplies and sells natural gas to consumers located within the geographical area of Attiki, which includes Athèns, Greece.
<u> 13all Hill Windpurk, (11C</u>	Delaware	9/29/2006	Developing a wind power generation protect known as the "light Hitl Windpark, Project" in Villeapova and Hanover Townshins in Chaenenguuentin (sourty in New York State.
Barmoor Wind Power	England and Wales	9/10/2010	Special purpose company to hold assets of the Barmoor Wind Project in England and to facilities the sale of the Barmoor Wind Project.
Bison Insurance Company Limited	Bermuda	12/11/1968	Bison Insurance Company Limited is a captive insurance company that insures the risks of Duke Ernergy Corporation and many of its subsidiaries and affiliates. Duke insures all or part of its risks with Bison and Bison in turn retains a portion of the Hisks and purchases tensaurence that the ersk at does not retents. Listens receives prenhums, pars-fits reinsurance premiums, claim costs and expenses and invests its cash just as any other insurance company would do. (per Keith Bone 4.29.09)
Brownsville Power I, L.L.C.	Delaware	7/13/1998	A natural gas-firted generation facility located in Haywood County, Tennessee.
<u> 1,1,0,0,0,0,1,1,0,0</u>	Texus	1005/11/1	Formed to def us the Sole Osnetul Partner of 13SPt., J., P.
88Pis Holdings, LLC	Delaware	1/10/2001	Formed as an indirect-holding company. for a Qualitymig Facility (DIF) as defined under the PURPA of 1978.
usuri Lanted LLC	Delaware	1002/01/1	Formed to act as the Sole Limited Partner of 138 Pr., L. P.
'd''l 'lulSa	Delaware	1/16/2001/1	<mark>kormed to purchuse, own and lo</mark> tte-certuin existing equipment and fixtures in connection with the two QPs located in Texas conntracted and operated by South Hauston (Reco. Power, L. P.
			<mark>Besmed us</mark> : a bankraphey-remente velviel-eu-purchase, own-and-lease-certain existing equipment and faxtures in-connection-with the 2-facitities-in-leasus City and Chovolate-Bayou-that ure owned and operated by South Hisuston Creen Power L.P.
Caldwell Power Company	North Carolina	1/28/1921	The purpose of this entity is to generate, transmit and distribute electric power and preserve property rights, tentrently-innerive;
Carolinas Virginia Nuclear Power Associates, Inc.	North Carolina	10/4/1956	The Duke Power nuclear program began in 1956 with the formation of the Carolinas Virginia Nuclear Power Associates, Inc. (CVNPA), consisting of Duke Power, Carolina Power & Light, Virginia Electric Power Company, and Sourb Carolina Electric & Gas. CVNPA sponsored the construction and operation of the demostration Carolinas-Virginia Tube Reactor (CVTR) at the Part site, north of Columbia, SC. The CVTR began its demostration mission in 1964 with a generating capacity of 17 Mwe, and completed its mission in Jaouary, 1957. Decommissioning of the plant was delayed until 2001; it is now scheduled for completion in 2008curronly is on-going. (Non-profit)
Catalytic Solutions, Inc.	California	9661/16/1	Formed to develop alternative emissions control technology.
Catamount Celtic Energy	Scotland	6/8/2007	Developing wind partner windhower generation in the United Kingdom

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² Owns non-regulated power generation companies in the USA and United Kingdom	2 Developing windprowerwind power generation in the United Kingdom	¹² Limited partnership that owns a Scottish limited company for wind power development	1. Limited partnership that owns a Scottish limited company for wind power development	2 Limited partnership that owns a Scottish limited company for wind power development	t Heiding Company with no assets	95 Limited Partner in a cogeneration plant in Maine	Member of a Limited Liability Company that owns wind power assets in Texas	M Member of a Limited Liability Company that owns wind power assets in Texas	Member of a Limited Liability Company that owns wind power assets in Texas	Member of a Limited Liablity Company that owns wind power assets in Texas
6/23/1992	8/15/2002	10/8/2002	10/8/2002	10/8/2002	2001721-771	4/11/1989	12/12/2003	2/2/2004	¥007/£/9	3/8/2005
Vermont	England and Wales	Scotland	Scotland	Scotland	Delaware	Vermont	Vernont	Vermont	Vermont	Vermont
Catamount Energy Corporation	Catamount Energy Limited	Catamount Energy SC 1	Catamount Energy SC 2	Catarnount Energy SC 3	Cutamount Heartlunds Gerpuration	Catamount Rumford Corporation	Catamount Sweetwater 1 LLC	Catamount Sweetwater 2 LLC	Catamount Sweetwater 3 LLC	Catamount Sweetwater 4-5 LLC

Catamount Energy SC 1	Scotland	10/8/2002	Limited partnership that owns a Scottish limited company for wind power development
Catamount Energy SC 2	Scotland	10/8/2002	Limited partnership that owns a Scottish limited company for wind power development
Catarnount Energy SC 3	Scotland	10/8/2002	Limited partnership that owns a Scottish limited company for wind power development
Cutamount Heartlands Cerpuration	Delaware	2001/21/21	Heilding Company with no assets
Catamount Rumford Corporation	Vermont	4/11/1989	Limited Partner in a cogeneration plant in Maine
Catamount Sweetwater 1 LLC	Vermont	12/12/2003	Member of a Limited Liability Company that owns wind power assets in Texas
Catamount Sweetwater 2 LLC	Vermont	5/5/2004	Member of a Limited Liability Company that owns wind power assets in Texas
Catamount Sweetwater 3 LLC	Vermont	6/3/2004	Member of a Limited Liability Company that owns wind power assets in Texas
Catamount Sweetwater 4-5 LLC	Vermont	3/8/2005	Member of a Limited Liability Company that owns wind power assets in Texas
Catamount Sweetwater 6 LLC	Vermont	5/1/2005	Member of a Limited Liability Company that is developing a wind facility in Texas
Catamount Sweetwater Corporation	Vermont	6/17/2003	Member of three Limited Liability Companies
Catamount Sweetwater Holdings LLC	Vermont	6/20/2005	Holding company that owns LLCs with interests in wind power assets in Texas
Catawba Manufacturing and Electric Power Company	North Carolína		The purpose of this entity is to generate, transmit and distribute electric power and preservese property rights, -(eurently inselve)
CEC UK1 Holding Corp.	Vermont	9/11/2002	General Partner in Scottish limited partnerships
CEC UK2 Holding Corp.	Vermont	9/11/2002	Limited Partner in Scottish limited partnerships
CEC Wind Development LLC	Vermont	1/12/2007	Owns assets in wind-power projects being developed in various states
Centra Gas Toluca S.R.L. de C.V.	Mexico	2/10/1997	Mexican entity which previously provided payroll services to all DEI Mexican employees. Since the transfer of the Campeche platform to Pemex in August 2007, this company is now dormant.
CGP Global Greece Holdings, SA	Greece	8/10/2001	Greek company which holds 51% (ownership of Attiki Denmark ApS) interest in the Attiki Gas Project, and debt for the project.

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CinCap IV, LLC	Delaware	12/3/1997	Markets electricity at wholesale.
CinCap V, LLC	Delaware	7/21/1998	Markets electricity at wholesale.
Cinerzy Cupital & Trading. Inc-	Hadiana	čool. 8/01	Ginergy Capital & Trading. Inc. 15 engaged in the business of inarketing energy commydities at wholesale.
Cinergy Climate Change Investments, LLC	Delaware	6/9/2003	Formed to facilitate investments by Cinergy or its subsidiaries, and other energy companies in forestation projects in the Lower Mississippi River Valley, and possibly other sites, as a means for removing carbon dioxide (Co2) from the atmosphere.
Cinergy Corp.	Delaware	6/30/1993	The parent holding company of Duke Energy Indiana, Inc., Duke Energy Ohio, Inc., and Cinergy Investments, Inc.
Cinergy Foundation, Inc.	hdiana	3861/2/で 1	Established in January-1905. The purpose of this Froundation-shelf focto operate excitatively for obstituble purposes. induding for such purposes; the making of distributions to organizations that qualify us exempt organizations under sections 501(c5(3) of the Internal Revenue Code or corresponding section of any future faderal tax code:
Cinergy General Holdings, LLC	Delaware	12/14/2001	Serves as the general partner of Cinergy Marketing & Trading, L.P.
Cinergy Global (Cayman) Holdings, Inc.	Cayman Islands	9/4/1997	Cayman holding entity Formed which owns 100% of Cayman entity Cinergy Global Heave Pewer - This entity was formed to be utilized in connection with future EWG or FUCO acquisitions by Cinergy Corp.
Cinergy Global Ely-Ine.	Delaware	366178778	Polenwice entity. formerly held interest-in LERABY-Patwer Limited an EWGARUCO Presen-LDR Ely Power-Limited was sold 03/14/2005.
Cinergy Global Hellas S.A.	Greece	6/13/2003	Greek company which holds the Asset Services Agreement for the Attiki Gas Project in Greece.
Cinergy Global Holdings, Inc.	Delaware	12/18/1998	Delawate holding company which holds 100% of Cinergy Holdings B.V. and 1 share in CGP Global Holdings, SA.
Gi nergy Global Power (UK) Limited	Bngland	<u>2/5/1998</u>	UK-entrity slatted for future dissolution. It is a private UK entrity Innited by shares which farmedy held interest in a UK-entrity which coursed and operated a gas turbine generator supplying, wholesate electricity to Worcestershire, UK.
Cinergy Global Power Africa (Proprietary) Limited	South Africa	666[/E/8	South African entity is currently in process for dissolution.
Cinergy Olobal Power Iberia, S.A.	Spain	8061/L1/9	Spunish entity is currently in process for disculation. Was formed to trade electricity in Spain.
Cinergy Global Pawer Services Limited	Lendon, England	tx(51;771;8	
Cinergy Global Power, Inc.	Delaware	9/4/1997	To entranse in any lawful act of activity for which a corporation may be organized under the General Corporation Law of the State of Delaware, as set forth in Title 8 of the Delawure Code (the "GCL").

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General, Inc.	Texas	0/11700	
Cinergy Retail-Power Lumited, Inc.	Delaware	1105-9-3	Korned to hold an investment in Cinergy Retuil Power, 1., 1.
Cincig, Ratal Power, L. P.	Delaware	1002/8/8	Formed to ongege in the retail sale of electric-power to large undustrial customers in states that have begistanvely or administratively established customer choice and retail competition.
Cinergy Solutions - Utility, Inc.	Delaware	9/27/2004	To provide engineering, construction, operation and maintenance services with respect to electric and natural gas systems and infrastructure.
Cinergy Solutions Partners, LLC	Delaware	9/12/2000	The eCompany may carry on any lowful busidess purpose or activity.
Cinergy Technology, Inc.	Indiana	1661/21/21	Manages Cincrgy's existing non-regulated, technology-related investments, assess the market potential for non-regulated product and service development opportunities, and form key alliances for non-regulated product development.
Cinergy Two, Inc.	Delaware	11/6/2000	
Cinergy-UK, Inc.	Delaware	9661/1/5	
Cinergy Wholesale Energy, Inc.	Ohio	11/27/2000	Cinergy Wholesale Energy, Inc. is a holding company for non-utility energy services businesses.
Cinergy-Centrus Communications, Inc.	Delaware	8661/L1/L	Inactive and being held open for tax purposes.
Cinergy-Centrus, Inc.	Delaware	4/23/1998	Inactive and is being held open for tax purposes.
Cinfuel Resources, Inc.	Delaware	1/10/2002	Holding company that owns, through direct or indirect investment, and/or operates, projects capable of producing synthetic fuel, such as LH1, LLC
CinPower I, LLC	Delaware	6/12/1998	A company that optimizes the economic benefits in connection with the restructured wholesale power purchase agreement involving certain non-affiliates.
Claiborne Energy Services, Inc.	Louisiana	0661/1/8	Is the general partner of Clean Energy Partners Limited Partnership, a limited partnership which was formed to develop, own and operate a coal gasification electric power facility. Own and operate a unanium eurichment facility.
Comercializadora Duke Energy de Centro America, Limitada	Guatemala	0002/22/6	Guatemalan company used as a trading and marketing vehicle. It was originally formed to buy excess electricity from El Salvador and sell it in the open market. It also buys power from DEI Guatemala y Cia SCA (Planta Arizona and Planta Las Palmas) under a PPA with that entity.
Commercial Fleetricity Supplies Limited	England	£66170178	
Gempania de Senveios de Compression de Campoche, 8A. de C.V.	Michigan	3607F276	Mexican dV-terporation-which-previously-rendered gus-exampression-xervices-to PU:MEX. This company was placed into liquidation on Decombar-13, 2007.

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Conterra Ultra Broadband Holdings, Inc.	North Carolina	1/28/2006	Conterra is a facilities-based, FCC common carrier that provides high quality, high capacity backhaul and wide area network services for mobile carriers, school districts and government entities throughout the country.
Crexcent Holdings, I.I.C	Delaware	9002-05/8	
e resernt Resources, 1,1,6	Georgia	1)002/1872f	Reed Listate Development
CSCC Holdings Limited Partnership	Canada (British Columbia)	5/17/2002	Canadian entity holding 50% ownership interests in Compania de Servicios de Compresion de Campeche S.A. de C.V. Since the transfer of the Campeche platform to Pennex in August 2007, this company is now dormant and on hold for liquidation.
CSGP General, LLC	Texas	4/5/2001	Company created to act as the sole general partner of CHSGP Services, 1, P.
CSGP Limited, LLC	Delaware	4/5/2001	Company created to act as the sole limited partner of CDNGP Services L.P.
CST General, LLC	Texas	5/22/2001	To transact any and all lawful business for which limited liability companies may be of samized under the Texas Limited Liability Company Act
CST Green Power, L.P.	Delawarc	5/23/2001	Purpose is to be the project company that will partially own and manage a long-term co-generation project located in Texas.
CST Limited, LLC	Delaware	5/18/2001	The company may corry on any lawful business, purpose or activity.
CTE Petrochemicals Company	Cayman Islands	1861/12/1	Cayman partnership 50% owned by Texas Eastern Arabian Ltd. (Duke entity) and 50% owned by sub of Duke's partner, Celanese Corporation. CTE is the holding company for 50% interest in National Methanol Company, a methanol project in Saudi Arabia and JV with SABIC.
<u>Current-CURRENT</u> Group, LLC	Delaware	10/24/2000	CURRENT provides electric utilities a Smart Grid solution that increases the efficiency and reliability of the electric grid while reducing the environmental impact of electric usage.
D/FD Holdings, LLC	Delaware	12/15/2005	Holding company for previous D/FD companies
D/FD International Services Brasil Ltda.	Brazil		Formed to be the contracting entity for the DI Project (and possibly other projects) in Brazil
D/FD Operating Services LLC	Delaware	3(7/1996	Operation of electric generating plant
DE Marketing Canada Ltd.	Canadian F ederulBritish Columbia	2/17/199612/18/2(10 2	Holding ecompany/General pPartner.
DE Nuclear Engineering, Inc.	North Carolina	3/17/1969	Nuclear Engineering Services
DEB - Pequenas Centrais Hidrelétricas Lida.	Brazil	12/22/2003	Power generation and sale in Brazil.
DECIS Biogram Inc.	Delaware	0005/6/11	
DEGS Biomass, LLC	Delaware	9/22/2008	Acquiring, holding and funding 50% ownership interest in Adage, LLC.
DI:GS-I:ICOM-College Park, I.I.G	Delaware	666170778	Performs-various-utility-teitated ongineering: procurement, construction, operation and mututerance-services at the Upitversity of Marchand

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To serve as a holding company for multiple solur projects,		To operate and maintain several facilities owned by subsidiaries of KGen, LLC.	Develops, constructs, finances, operates and maintains certain thermal energy facilities located in Boca Raton, Florida and sells associated thermal and other, energy-related products and services.	Owns and operates a district cooling business in downlown Cincinnati, Ohio.		Cinergy Solutions Operating Services of Lansing, LLC performs oversight, management, operation and maintenance of energy/utility service facilities at a General Motors vehicle assembly plant in Lansing, Michigan.	To operate, maintain and manage Horsehead Industries, Inc. dba Zinc Corporation of America's -G. F. Weaton Station located in Monaca, PA.	Formed for the purpose of operating, maintaining and managing the existing utility system at the Celarnese acetate manufacturing facility located in Narrows, Virginia.		Operation and maintenance-for-oustomer facility-	Provides various utility services and distribution system (A&M to the Philadelphia Narv Yard, -which is now the focation of an industrial park that contains several commercialt businesses and -is managed by the Philadelphia Industrial Development Corn.	Formed for the purpose of operating, maintening and managing the existing, utility, system at the Celarrese acctato manufacturing facility located in Rock Hill, South Carolinu.	Purpose is to supervise the construction of, operate and maintain, an energy facility at Children's Hospital and Health Center in San Diego, California.	Cinergy Solutions Operating Services of Shreveport, LLC performs oversight, management, operation and maintenance of energy/utility service facilities at a General Motors vehicle assembly plant in Shreveport, Louisiana.	To design, build, own, operate, and maintain certain steam generating equipment and ancillary water treatment equipment to be located at the UCC Technical Center in South Charleston, West Virginia.
2/22/2010	600Grortt	8/30/2004	9/4/1998	1661/67/1	12/15/2004	6/25/2002	12/16/2003	£002/11/5	8:(13:2002	4,10,2006	2/11/2001	90577-176	1/9/2004	6/28/2002	8/24/2004
Delaware	Belaware	Delaware	Delaware	Ohio	Delaware	Delawarc	Delaware	Delaware	Delaware	Deleware	Delaware	L)elaware	Delaware	Delaware	Delaware
DEGS NC Solar	DEGN GASCOLLEC	DEGS O&M, LLC	DEGS of Boca Raton, LLC	DEGS of Cincinnati, LLC	DEGS of Delta Township, LLC	DEGS of Lansing, LLC	DEGS of Monaca, LLC	DEGS of Narrows, LLC	PEGS of Oklahoma, LLC	PIKIS of Parlin, LLG	DEGS of Philadelphia, LLC	DIXIS of Rock Hill, 1.1.C	DEGS of San Diego, Inc.	DEGS of Shreveport, LLC	DEGS of South Charleston, LLC

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9.9	· ·	````			· · · · · · · · · · · · · · · · · · ·	ः 1									1									
Attachment-CEW-2 Page 22 of 62	Operate, maintain and marage the existing utility system and to design, develop, construct and own system improvements at Proctor & Gamble's chemical manufacturing facility located in StBernard, Ohio.	Own St. Paul Cogeneration LLC.	Oversees the operations and staffing of a qualifying facility (QF) located in Tuscola, Illinois.	To net as a holding company for the 1.1.6, interests of Three Butter. Windpawer 1.1.6, which will develop, construct, own and operate the Compbell 1.1.11 Windpower project near Casper, Wyraming,	To serve as a holding company to hold all solar projects of Duke lingtgy Generation Services, Inc., other than those in North Carolina.	Holding Company for project companies which will develop wind assets.	To procure wind turbine generators from General Electric for projects under development by DEGS Wind I, LLC and its affiliates.	The purpose of the company is to engage in any activity for which tunited liability companies may be organized in the State of Delaware.	Formed to provide new assets to service General Motors' new assembly plant located in Delta Township, Michigan, including the design, construction, ownership, operations and maintenance of such new assets.	Constructs, owns, operates and maintains entrgy-related facilities for a General Motors metal stamping facility located in Michigan.	Personnel-Mahagement	Payroll company	Holding company.	This entity was formed to serve as the Merger Sub of Duke Finerey Curporation for the Duke Energy CorporationPrearess Energy, Inc. Merger	Inactive, but still on the books	Inactive, but still on the books	tractive, but still on the books	Holding Company		22				
	1/6/2003	8/13/1998	8661/21/01	8002.92.8	<u>5/13/2010</u>	5/23/2007	8/26/2008	12/11/2007	3/25/2004	7/5/2001	12/14/2001	1002/08/11	6/21/1994	1:0:2011	11/14/1977	1/31/1977	0/10/1/9	<u>9/17/2009 7/9/1996</u>						
	Delaware	Delaware	Delaware	Bulaware	<u>Delaware</u>	Delaware	Delawarc	Delaware	Delaware	Delaware	Delaware	Delaware	Colorado	North Carolina	Nigeria	Delaware	Panama	British Columbia Canada (Albertu)						
	DEGS of St. Bernard, LLC	DEGS of St. Paul, LLC	DEGS of Tuscola, Inc.	DIKS Three Buttes, L.I.C	<u>DEOS Solar, LLC</u>	DEGS Wind I, LLC	DEGS Wind Supply II, LLC	DEGS Wind Supply, LLC	Detta Township Utilities II, LLC	Delta Township Utilities, LLC	DENA Asset Partners, 1., P.	DENA Partners Holding, LLC	DETMJ Management, Inc.	Diamond Acquisition Corporation	Dixityn-Field (Nigeria)	Dixilyn-Field Drilling Company	Dixilyn-Field International Drilling Company, S.A.	DTMSI Management Ltd.						

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Duke Broadband, LLC	Delaware	9/22/2003	<u>The purpose of the Company is to engage in any activity, for which limited faiblitty companies may</u> be organized in the State of Delaware
Duke Capital Parmers, LLC	Delaware	3/14/2000	To provide lending, investment banking and asset management services to the wholesale and commercial energy market.
Duke Communications Holdings, Inc.	Delaware	9651/02/6	Provides telecommunications services, information services, selling or leasing of long-haul optic fiber capacity and energy management services.
Duke-Energy-Allowance Manugement, I.I.C	Peleware	1005-51-5	Purchase and sale of environmental-credits-
Duke Energy Americas, LLC	Delawarc	1/2/2004	Holding Company
Duke Energy Busincss Services LLC	Delaware	11/18/1998	Management Services
Duke Energy Carolinas Plant Operations, LLC	Delaware	5/29/2001	Performs the operations and maintenance and provides other plant services for power generation and energy facilities.
Duke Energy Carolinas, LLC	North Carolina	11/27/1963	The production, transmission, distribution, and sule of sleedners, in Narth and Nowth Carolina Holding Company
Duke Energy Cerros Colorados, S.A.	Argentina	5/31/1993	Argentine entity which serves as the operator of both generation facilities in Argentina: Alto Valle and Planicia Banderia.
Duke Energy China Corp.	Delaware	8/13/1976	Corporate stuff operations. General Partner (1994 in Parlastry, Nervices Limited Parlastenn,
Duke Energy Commercial Asset Management, Inc.	Ohio	12/5/2000	Formed to hold the assets of divested or other non-regulated power plants.
Duke Encrey Commercial	Indiana	10/8/1992	Duke Lineray Commercial Linterprises, Inc. (28-a Clinetay, Capital & Trading, Inc.) is engaged in the business of marketing energy, commodifies at wholesole
Duke Energy Corporate Services, Inc.	Delaware	6/26/2008	Holding CompanyServes as the helding contrarty to Duke Finerzy, Businges Services I.4 C
Duke Energy Corporation	Delaware	5/3/2005	Holding Company.
Duke Eriergy Development Pty Ltd	Australia	6/1/1998	Australian company slated for dissolution
Duke Energy Egenor S. en C. por A.	Peru	12/31/1996	Peruvian joint stock company which owns 2 central hydroelectric plants: 263 MW Canon del Pato and 95 MW Carhuaquero. Also owns 6 thermoelectric plants in the north of Peru. 43 MW in Piura; 63 MW in Chimbote; 21 MW in Trujillo; 24 MW in Chiclayo; 9 MW in Patra; and 10 MW in Sullana.
Duke Energy Electroquil Partners	Delaware	12/5/1997	Delaware general partnership holding 99,75% in Duke Energy International del Ecuador Cia. Ltda, in connection with the Electroquil facility in Chargaquil, Ecuador.
Duke Energy Engineering, Inc.	Ohio	3/28/1997	Markets various utility-related engineering services.
Duke Energy Fayette II.	Delawars	10/14/2010	

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Attachment-CEW-2 Page 24 of 62	Performs operation and maintenance and other plant services for power generation and energy facilities.	To provide operation and maintenance services to fossil-fired and hydro-powered electric generation facilities.	Argentine holding company for Dukes 90.87% interest in Duke Energy Certos S.A., an Argentine company which serves as the operator for both facilities in Argentina: Alto Valle and Palanticia Banderita.	Markets an array of energy-related products and services and develops, acquires, owns and operates certain energy-related projects.	Develops, acquires, owns and operates certain energy-related businesses, formerly conducted by Cinergy Solutions Holding Company, Inc.	รึ่งษณะชัยนี้-In-management-and-investment-of funds.	Delaware timited liability company which holds the 100% ownership interest in Duke Energy Group, LLC.	Delaware limited liability company with interests in Duke's international companies involved with electric power projects and marketing of electric power.		The production, transmission, distribution, and sale of electricity in North Central, Central, and Southern Indiana.	The purpose of this entity is to engage in the sale of coal and other supplies to industrial companies.	Danish holding company stated for dissolution pending dissolutions of its UK subsidiaries.	UK company in process of voluntary dissolution.	Cayman entity stated for dissolution.	Bermuda entrity stated for dissolution.
	8/1/2001	7/6/2001	3/11/1992	2/11/1997	6/2/2000	90011778	4/29/2005	12/22/1987	10/14/2010	9/6/1941	6/6/2006	8/11/2000	6/24/1999	7/27/1999	2/3/1999
	Dclaware	Delaware	Argemina	Delaware	Delaware	Nevada	Delaware	Delaware	Delaware	Indiana	Delaware	Denmark	United Kingdom	Cayman Islands	Bermuda
	Duke Energy Fossil-Hydro California, Inc.	Duke Energy Fossil-Hydro, LLC	Duke Energy Generating S.A.	Duke Erergy Generation Services Holding Company, Inc.	Duke Energy Generation Services, Inc.	Pu tke Energy Gi tab ul Market is In e-	Duke Energy Group Holdings, LLC	Duke Energy Group, LLC	Duke Finergy Hanging Rock IL LLC	Duke Energy Indiana, Inc.	Duke Energy Industrial Sales, LLC	Duke Energy International (Europe) Holdings ApS	Duke Energy International (Europe) Limited	Duke Energy International Argentina Holdings	Duke Energy International Argentina -Marketing/Trading (Bermuda) Ltd.

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			Attachment-CEW-2 Page 25 of 62
Duke Energy International Asia Pacific Ltd.	Bermuda	8/24/2001	8/24/2001 Bermuda holding company slated for dissolution pending liquidation of its subsidiaries.
Duke Hi nergy Internutional Boboia-Holdings-No. 1, 1.4.6.	Delaware	n6881-2-78	Deliveret imited highty company correctly mactive as a reach of the safe of the Bolivian ascer- in bebruary 2002.
Duke Energy International Brasil Commercial, Ltda.	Brazil	5/29/2002	Brazilian entity which holds 99,99% in Duke Trading do Brasil Ltda.
Duke Energy International Brasil Holdings, LLC	Delaware	5/10/2001	Delaware entity which holds the minority interest in Duke Energy International Brasil Lida.
Duke Energy International Brazil Holdings Ltd.	Bermuda	10/22/2001	Bermuda bolding company for Duke Energy International's assets in Brazil.
Duke Finerev International Chile C.P.A.	Chile	6.12:2009	Project company for patennal Chilcan project,
<u>Duke Energy International</u> Chile Holding I B.V.	Netherlands	6.3.2009	Liolding company for potential ('nifean project.
Duke Energy International Chile Holding JLB.V.	Netherlands	6/3/2009	Lioking company for notential Chile project.
Duke Energy International Comercializadora de El Salvador, S.A. de C.V.	El Salvador	12/12/2002	Salvadorean entity used for energy trading and marketing throughout the Central American region, import, export and domestic electric energy transactions.
Duke Energy International del Ecuador Cia, Ltda.	Ecuador	12/15/1997	Ecuadorean comparty which owns 82.7482% in Electroquil SA, an electric power generation company located in Guayaquil, Ecuador
Duke Energy International El Salvador Investments No. 1 Ltd	Bermuda	2/24/1999	Bernuda holding entity for Duke Energy International's assets in El Salvador.
Duke Energy International El Salvador Investments No. 1 y Cia. S. <u>vn</u> enG. De C.V.	El Salvador	6661/57/9	Salvadorean holding entity for Duke Energy international's assets in El Salvador.
Duke Energy International El Salvador, S en C de CV	El Salvador	2/3/1998	Salvadorean operating company - a thermal electric generation plant.
Duke Energy International Electroquil Holdings, LLC	Delaware	5/10/2001	Delaware holding entity which owns 0.25% interest in Duke Energy International del Ecuador Cia, Ltda.
Duke Energy International Espana Holdings, S.L.U.	Spain	10/22/2003	Spanish holding entity which holds ownership interests in Argentina and Ecuador.
Duke Energy International Group Coorperatie U.A.	<u>Netherlands</u>	5/14/2009	Durch holding somhany used for various framerial transactions, a thur Dake Fineral International
Dyke Energy International Group, Ltd.	Bermuda	11/30/2007	Bermuda holding company for all of Duke Energy International's interests in Latin America.

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Duke Energy International Guatemala Holdings No. 1, Ltd.	Bermuda	3/15/1999	Bermuda holding company which holds ownership interest in Guatemalan entities which generate, sell, supply, transmit, trade in, purchase and market electricity, natural gas, and hydro earbon products.
Duke Energy International Guatemala Holdings No. 2, Ltd.	Bermuda	3/15/1999	Bermuda holding entity slated for dissolution.
Duke Errergy International Guaternala Holdings No. 3	Cayman Islands	5/20/1997	Cayman Island holding entity slated for dissolution.
Duke Energy International Guatemala Límitada	Guatemala	8/21/2001	Guatematan limited liability entity which holds 99% interest in Duke Energy International Operaciones Guatemata Limitada and 99% of Duke Energy International Transmission Guatemata -Limitada. Slated for dissolution.
Duke Erergy International Guatemala y Compania Sociedad en Comandita por Acciones	Guatemala	1/22/1	Guaternalar joint stock entity which owns and operates with Duke Energy International Transmision Guaternala L4da an 235 MW electric generation facility in Guaternala which is comprised of the 150 MW Arizona plant and the 85 MW Las Palmas plant.
Duke Energy International Holding, Ltd.	Bermuda	11/30/2007	Holding company
Date Uncrey International Holdings B.V	Netherlands	5/20/2009	Dutch holding company used for various transactions within Dute Energy. International
Duke Energy International Investments No. 2 Ltd.	Bermuda	8/4/1999	Bermuda holding company which holds a minority interest in Duke Energy Generating S.A. and Duke Energy International Southern Cone SRL.
Duke Energy International Latin America, Ltd.	Bernuda	8/4/1999	Bermuda holding company for all of Duke Energy International's interests in Latin America.
<u>Duke Energy International</u> Mesico Holding Company LS, de R.L. de C.V.	Mexico	6(7)2006	Mexican holding company used for various transaction within Duke Energy International
Duke Energy International Mexico, S.A. de C.V.	Mexico	9661/7/6	Mexican company which previously managed the Campeche platform in Mexico. Since the transfer of the Campeche platform to Pemex in August 2007, this company is now dormant.
Duke Energy International Netherlands Financial Services B.V.	Netherlands	4/20/2000	Dutch entity used for various financial transactions within DEI.
Duke Energy international Operaciones Guatemala Limitada	Guatemala	10/3/2001	Guatematan antity which owns the land that Planta Arizona is located on
Duke Energy International Peru Inversiones No. 1, S.R.L.	Peru	5/16/1996	Peruvian entity in process of dissolution.
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Attachment-CEW-2 Page 27 of 62	Bermuda holding entity for the Peruvian companies.	Bernuda entity slated for dissolution.		Argentine limited liability entity set up for trade & marketing.	Business Activity 4010 - As of October 25, 2006, Company is in process of volumary dissolution.	Guatemalar entity that owns and operates a 230 K-VKV electric transmission line facility in Guatemala.	Delaware holding entity which holds a minority ownership interest in Duke Energy International Uruguay Investments, SRL.	Uruguayan limited liability holding entity for Duke's assets in Argentina and Ecuador.	Brazilian company set up for the participation at bidding procedures and/or auctions for the transfer of ownership interests in electricity companies in Brazil.	Brazilian entity which owns and operates 8 hydroelectric generating facilities in the Paranapanema River in Sao Paulo, Brazil.	Delaware parent/holding compary for all of the DEI subsidiaries.	The transmission, distribution, and sale of electricity energy and the sale and transportation of natural gas in northern Kentucky.		Energy \underline{n}_{i} Marketing and energy management for unregulated merchant energy facilities of Duke Energy North America, LLC.	Was formed to engage in the marketing of electric power.	Engage in the business of purchasing, selling and marketing natural gas, electric power and other energy products and services in Canada.			27	6.7				
	8(9/1999	2/24/1999		2/8/1999	1/6/2000	10/1/2001	11/6/2003	10/16/2003	2/4/1998	2/4/1999	6/18/1997	3/20/1901	10/14/2010	1/3/2001	11/7/1994	8/1/1996								
	Bermuda	Bernuda		Argentina	United Kingdom	Guatemala	Delaware	Uruguay	Brazil	Brazil	Delaware	Kentucky	Delawarre	Delaware	Nevada	Canada (Alberta)								
	Duke Energy international Peru investments No. 1, Ltd.	Duke Energy International	PJP Holdings, Ltd.	Duke Energy International Southern Cone SRL	Duke Energy International Trading and Marketing (UK) Limited	Duke Energy International Transmision Guatemala Limitada	Duke Energy International Uruguay Holdings, LLC	Duke Energy International Uruguay Investments, S.R.L.	Duke Energy International, Brasil Ltda.	Duke Energy International, Geracao Paranapanema S.A.	Duke Energy International, LLC	Duke Energy Kentucky, Inc.	Duke linergy Lee (L. L.K.	Duke Energy Marketing America, LLC	Duke Energy Marketing Corp.	Duke Energy Marketing Limited Partnership								

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Page 28 of 62	Provides financial, risk management and asset management services to producers, transporters and users of global energy commodities and derivative products such as crude oil, refined products, LPGs, residual fuels, coal, and fertilizer,	Transact any and all lawful business for which limited liability companies may be organized under the act.	To own and operate merchant power plant.	Development, ownership, and operation of energy facilities.	Engaged in the production, transmission, distribution and sale of electricity and the sale and transportation of natural gas in the southwestern portion of Ohio.	Huke Haves Amelinuity has two different businesses - one for residential customers and one for commercial/industrial customers.	On the residential side. Michael Goldenberg directs DE One's strikestop and underground protection offerings. Strikestop is a whole-house surge protector that DE One sells to residential customers. Underground protection is an offering under which DE One repairs underground customer-owned electric.	On the commercial/industrial side, Bruce Modlin directs DE One's customer-owned substation construction and maintenance activities. Evidently, there are large customers with their own manthomers/substations. OF One huide these and mension have been are area inductored activities.		Receivables finance company	Manages the brand protection of Duke Hunergy Corporation.	To provide retail gas and electric services.	Holding Company	Heideng Company Durchasing, soliting and markeling natural gas, electric power and other snergy products	A _{ti} holding company.	
	4/23/1999	4/11/2000	8/7/2001	6/18/1997	04/03/1837	9/5/2000			6/9/2000	7/16/2003	11/18/1998	12/9/2003	3/13/2002	8:30/19959/17/2009	6/8/1959	
	Delaware	Delaware	Delaware	Delaware	Ohio	Delaware			Pen	Delaware	Delaware	Delaware	Delaware	Camada (Alberta) <u>British</u> Columbia	Delaware	
	Duke Energy Merchants, LUC	Duke Energy Moapa, LLC	Duke Energy Murray Operating, LLC	Duke Energy North America, LLC	Duke Energy Ohio, Inc.	Duke Energy One, Inc.			Duke Energy Peru Holdings S.R.L.	Duke Energy Receivables Finance Company, LLC	Duke Energy Registration Services, Inc.	Duke Energy Retail Sales, LLC	Duke Energy Royal, LLC	Duke Energy Services Canada ULC	Duke Energy Services, Inc.	

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Engineering activities to coal fired plants.	2661/1/6	North Carolina	Duke/Fluor Daniel
Hokks Ginerge's investment in Redunt Services-1.1.6.	\$ 661/P1;1	Delaware	Duke Reliant Resourcess. Inc.
То видаде ли Ик солз именон, орасними, develoриненсог омпесямр обседенонниом насинцесто рометрофисион-facilities. То епистали роми v силисе ава риспесямр идсемники.	6861727/21	hidiana	Duke Cadense, Ine
Holding company	12/19/2000	Nevada	Duke Ventures, LLC
Holdstriownst of real property currently owned by Duke Ventures DLC	0007775000077670	Delaware	Duke Ventures H-Real Estate LLC
The Company intry carry on any lawful business, purpose or activity	9.1/2000	Delaware	Duke Ventures II, LI.C
Brazilian entity used to purchase and sell electric power.	1/17/2000	Brazil	Duke Trading Do Brasil Ltda.
A utballuctured autointiste at Christian Core in a holding comment. Consisting a	2/26/2000	Delaware	LLC Duke Technologies. Inc
The Contractive mark on the heating has interested a contractive.	8/10/2000	Delaware	Duke Supply Network,
Engaged in engineering activities for coal projects.	2/1/1966	North Carolina	Duke Project Services, Inc.
Austral ian company slated for dis selution.	1007/2001	Australia	Ebuke Project-Services Australia Phy-Lid
Nevada entity is sileted for elissohution.	9001/2/1	Nevada	Duke Java, Jae
The Company may carry on any lawful business, purpose or activity.	7/25/2000	Delaware	Duke Investments, LLC
Investment company. Partner in a joint venture in Argentina.	5/8/1996	Cayman Islands	Duke Engineering & Services International, Inc.
Subsidiary of DE&S, is engaged in engineering and related services in Europe.	10/13/1993	Delaware	Duke Engineering & Services (Europe) Inc.
	10/14/2010	Delaware	Duke Energy Washington D.1.1.C
	10/14/2010	Delaware	<u>Duke Energy Vermillion II.</u> LLC
Holding company for transmission joint venture.	7/16/2008	Delaware	Duke Energy Transmission Holding Company, LLC
	000 <u>5. 5:8</u>	Delaware	Date Unegy Truding Hych ange, I.I.C
Market natural gas, electricity and other energy related commodities. Hoese nut hire-u parent-sempanye-Member companies are DETMI Management, Inc., 60% and Mobil Natural Gas, Inc., 40%.	9661/01/2	Delaware	Duke Energy Trading and Marketing, L.L.C.
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Duke/Fluor Daniel Caribbean, S.E.	Puerto Rico	12/6/1996	Execution of an engineering, procurement and construction services agreement between the partnership and AES Puerto Rico, L.P.
Duke/Fluor Daniel El Salvador S.A. de C.V.	El Salvador	1:2/31/2(11)2	Per Skip Weiss: Entity apparently set up as a contracting entity for El Salvador, but is apparently mucht-e-dorman.
Duke/Fluor Daniel International	Nevada	9/1/1994	Provides engineering, construction and operation services inside the U.S. to coal fired electric plants outside the U.S.
Duke/Fluor Daniel International Services	Nevada	9/1/1994	Coal Fired Generating Plant Services
Duke/Fluor Daniel International Services (Trinidad) Ltd.	Trinidad A _g nd Tobago	8661/8/21	Execution of an engineering, procurement and construction services agreement between DukerFluor Daniel International Services (partnership) and InCOGEN Limited.
Duke/Louis Dreyfus L.L.C.	Nevada	3/1/1995	A limited liability company formed to engage in the marketing of power. It sells both natural gas and electricity throughout the US.
Duke-American Transmission Company. L.C.	Delaware	T102/11/F	
Duke-Cudence, Inc.	Indiana	12/27/1989	To strease in the somstmetion, operation, development or overselin of cogeneration facilities or prover production facilities. To onter into join venores and partnership agreements.
DukeNet Communications Services, LLC	Delaware	0 107/81/20002/15/51	Hold-teleenmatumentiony-tower-assets and provide certain telecommunications setwees <u>Tolding</u> <u>Company</u>
DukeNet Communications, LLC	Delaware	0 10 <u>2/81/30006/51/51</u>	Telecommunication Services
DukeNet VentureCo. Inc.	Delaware	\$/18/2010	Helding Company
DukeNet/TCG LLC	North Carolina	12/12/1997	Wholesale provider of fiber-optic services
<u>Duke-Reliant Resources.</u> Inc.	<u>Delawar</u> e	8001/01/1	Łłołd's Cincrey's investment in Reflant Servićss. J.I.C
DukeTec I, LLC	Delaware	11/16/2000	The Company may carry on any lawful business, purpose or activity
DukeTec II, LLC	Delaware	12/23/2003	To invest in energy/power generation and telecommunications technology opportunities.
DukeTec, LLC	Delaware	11/16/2000	Invests in Peroject management software with Untility industry applications.
Eastman Whipstock do Brasil Ltda.	Brazil	5/21/1979	Dominant control heattwe
Eastman Whipstock, S.A.	Argentina	10/14/1981	Domininterestive. Oil and gas field services
Eastover Land Company	Kentucky	6/30/1970	Entity created for purposes of holding the land for Eastover Mining.
Eastover Mining Company	Kemucky	7/15/1970	Mining company (NOT a payroll entity)

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				T				
2/6/1992 Ecuadorean entity which owns and operates 4 diesel-fired turbines of 180 MW near Guayaquil, Ecuador	11/12/1998 Leases, sells or finances energy-related equipment.	Engineering & Management Services. Currently Inactive	Handles all fuel and fuel procurement-related costs for St. Paul Cogeneration LLC.	Non-regulated ownership of biomass and cogeneration facilities in Vermont and Maine	Peruvian entity engaged in activities related to electricity transmission.	Peruvian limited liability company, and subsidiary of Aguaytia Energy, LLC which owns and operates transmission lines from Aguaytia, Peru to Paramanga, Peru and transmits electricity to customers in Peru.	Holds an equity interest in Triple Point Technology, Inc., a Connecticut-based technology company that develops and markets a suite of risk scenarios and effectively trades and marages transactions. This company also potentially conducts other authorized transactions consistent with ETC status.	11/17/2000 Acquires, owns, holds, controls, manages, finance, builds, operates and liquidates a network of
2/6/1992	11/12/1998	4/28/1975	8/10/2000	2/1/1200	11/1/2006		12/13/2000	11/17/2000
Guayaquil, Ecuador	Delaware	Delaware	Minnesota	Vernont	Pen	Peru	Delaware	Delaware
Electroquil, S.A.	Energy Equipment Leasing LLC	Energy Pipelines International Company	Environmental Wood Supply, LLC	Equinox Vermont Corporation	Etenorte S,R.L.	Eteselva S. R. L.	e Vent Resources Holdings LLC	eVent Resources I LLC

			Curtoring Alactives
Environmental Wood Supply, LLC	Minnesota	8/10/2000	Handles all fuel and fuel procurement-related costs for St. Paul Cogeneration LLC.
Equinox Vermont Corporation	Vernont	2/1/1990	Non-regulated ownership of biomass and cogeneration facilities in Vermont and Maine
Etenorie S.R.L.	Peni	11/1/2006	Peruvian entity engaged in activities related to electricity transmission.
Eteselva S. R. L.	Peru		Peruvian limited liability company, and subsidiary of Aguaytia Energy, LLC which owns and operates transmission lines from Aguaytia, Peru to Paramanga, Peru and transmits electricity to customers in Peru.
eVent Resources Holdings LLC	Delaware	12/13/2000	Holds an equity interest in Triple Point Technology, inc., a Connecticut-based technology company that develops and markets a suite of risk scenarios and effectively trades and manages transactions. This company also potentially conducts other authorized transactions consistent with ETC status.
eVeni Resources I LLC	Delaware	11/17/2000	Acquires: owns, holds, controls, manages, finance, builds, operates and liquidates a network of companies engaged primarily in businesses that take advantage of investment opportunities arising from the deregulation of the electric utility industry, including investments in power generation, new energy technology and telecommunications, whether through 100% ownership or a smaller percentage ownership.
cV-tH-Resources-Overseus	Deligwere	5/24/2(161	The Company 45 (rgunt/cod primarily-fox the object and purpose of acquaring, owning, holding, controlling, managing, financing, building, operating, and loguralisting an investment in Saw-MH Capital Fund, 414, 14, 14, 24, 27, 41 (24) (24) (24) (25) (25) (25) (25) (25) (25) (25) (25
l'iber l'int, L'I.C	Indiana	0:2:5 (000	Performs the installation of conduct and then sells, reats, reases and otherwise, commercially optimizing said conduct.
Gas Integral S.R.L.	Peru	1/8/2004	Peruvian limited liability which gathers gas in connection with the Aguaytia asset.
Generadora del Pacifico, Limitada	Guatemala	4/9/2008	Guatemalan limited liability entity slated for dissolution.

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			Page 32 of 62
Generadora La Laguna Duke Energy International Guatemala y Cia., S.C.A.	Guatemala	6/10/2004	6/10/2004 Guatemalan joint stock company which owns 60 MW electric generation factify in Guatemala.
Green Pawer G.P., I.I.C	Texas	000231.21	Hortmed to act as the sole general partner of Swith I kuston (Heen Rower, h. P
Green Frontier Windpower	Delaware	12:12 20002:22:201	The sole purposes of the Company are to an associate of the development conditional
Perver Holdings, LLC		CI	ownership, operation and maintenance of the Project, and to engage in the law law law law law law law
			Ger which him hed high life companyees mue be formed under the shell in respect thereath and to
			engage in any and all activities necessary, advisable or incidental the etc.] [0]ding company formed for the purpose of financing a portionio of wind energy project companies.
Green Frontier Windpower	Delaware	102/11/50002/21/21	Formed to act as the sole limited purtner of South-Leusiun Green-Puwer, I., P.10 surve as a holding
Power-Limited, LLC		0	company to hold certain wind power project companies that would be financed by Dake on a portfolio basis -
Greenville Gas and Electric	South Carolina	01/28/1861	This commutation shall have for its obiant the mounification of and and the commission of alarminities of
Light and Power Company	_		to be sold for lighting, heating, and all other purposes for which gets and une generating of electricity them may be used. The componentian and solver proposes for which gets and electricity or either of them may be used. The componentian electron electron process for which gets
Happy Jack Windpower.	Delaware	10/27/2006	
LLC	•		With white assets that woningress the 23.4 MW Happy Jack Windpower Project being developed in Cheyenne, Wyoming.
IGC Aguaytia Partners, LLC	Cayman Islands	2/8/2002	Cayman company with ownership interests in the Aguaytia project in Peru.
INDU Solar Holdings.	Delaware	10/14/2010	To serve us a holding company for project companies related to the Commercial Rooftop Selar
<u>11.C</u>			Program. To acquire, invest in, develop, improve, own, operate, finance, maintain, sell, lease, or otherwise discusses of Desired 11.0% of the rest of the second s
			runerwater endersase on a transeet of A.S.M. of new owneed for a transeet of a factorized vassels, up accordance, with Applicable Law and the the extent appliculate, the Master Levelopment A recovered
Inver Energy Holdings [Cayman Islands	12/22/2008	Astronom. Cauman Holdine commany activities for the for An Cristenbel Presion in Constants.
Inver Energy Holdings II	Carman Telande	90000001	
		0/07/77/71	Cayman Holding company establish for the San Cristobal Project in Guatemaja.
Inver-Energy <u>A Cia. SCA</u> : S::Ar	Guatemala	2/12/2007	Guatematan operating company establish for the San Cristobal Project in Guatemala.
IPS-Cinergy Power Limited	Kenya	4/28/1999	Holds a joint venture in Tsavo Power Company in Kenya.
KETT-Exchange	Cenada	10271/216661:8201	Established for the purposes of designing, developing, in plenenting, and enerating-un-any syong
Hee-Ironwood Windpower Floidings, LLC	(-Alberta)[Jolawure	C!	reduction commodity regenty and electronic trading exchange Syrry as a holding company for the project company that will hold the assets of the frontwood Windonwer project
Ironwood Windpower, LLC	Delaware	12:8:2010	Redeet Company that will held the assets of the fromwood Windrower project.
Kit Carson Windpover, 1.1.C	Delawarc	6/23/20/9	To develop, construct, own and operate a 51 MW wind farm facility located in Kit Carson County. Colorado, near Barlington

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KO Transmission Company	Kentucky	4/11/1994	4/11/1994 Engaged in the transportation of natural gas in interstate commerce between Kentucky and Ohio.
Lanning Grand-River Littines- Et G	Delaware	0002-1-1-11	Humides energy related services. IN SUPPLY-VANA ADDITES at Eansurg. L.R.
Laurel Hill Wind Energy, LLC	Pennsylvania	12/14/2004	Limited Liability Compary that owns and is developing and operating a wind powered electricity securition facility in Pernevivania
LHI, LLC	Delaware	1/10/2002	Formed for the purpose of being the project company that will own a facility capable of producing synthetic fuel, qualifying for tax credits under IRS 29(c). The Company will produce synthetic fuel from coal by applying a latex or asphalt binder in order to induce a chemical change, with such change being a requirement for tax credit eligibility. The facility is located at a Mitrant generating station in Newburg, Maryland.
Los Vientos Windpower I Holdings, LLC	<u>Delaware</u>	1107/17/1	Serve as a holding company for the project company that will hold Phase Lof the Las Vientus Windpower project
Los Vienas Windpower I, LLC	Delawarc	1102/12/1	Special purpose enuly to hold Phase I of the Los Vientos Windpower project
Louísiana Energy Services, LLC	Delaware	4/9/1990	A limited partnership formed to design, license, construct, own and operate a centrifuge uranium enrichment plant to be located in the U.S., and sell and provide enrichment services and products on a profitable basis there-from.
<u>Martins Creek Solar NC.</u> LLK	North Carolina	482010	Projest company developing a 998 kilowant (DC) solar photocollane (TPV.) electric generation Gaeilite, loscued in Murphy Tavenship, Charokes (Comp. , North Carolina
MCP, LLC	South Carolina	8/18/2000	Owner of record of the land on which the Mill Creek Combustion Turbine Station sits in Cherokee County, South Carolina.
Miarni Power Corporation	Indiana	3/25/1930	Owns an electric transmission line in Indiana.
Murahy Farm Power, J.K.	North Carolina	0102121	Owns and is developing and construction a 998 kilowatt (DCL solar PV electric generation facility located on a site in Culberson, NC

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National Methanol	Saudi Arabia	5/23/1981	A joint venture with SABIC for the operation of a mechanol production plant in Saudi Arabia
iy (IBN SINA)			50% held by SABIC and 50% held by CTE Petrochemicals Company (Duke's partnership with Celanese).
<u>North Allegheny Wind.</u> LLC	Dolawarg	90021155	Single purpose entity which owns and onervices a 70 MW wind scheraung factifity in Blur and Cambria Counties, Pennsylvania
NorthSouth Insurance Company Limited	Bermuda	12/2/2002	
Notrees Windpower, LP	Delaware	9/30/2005	Owner of all the assets that comprise that Notrees Windpower Project being developed in Ector and Winkler Counties, Texas.
NuStart Energy Development, LLC	Delaware	4/19/2004	NuStart Energy is a limited liability corporation comprised of ten power companies, created in 2004 for the dual purposes of: 1) obtaining a Construction and Operating License (COL) from the Nuclear Regulatory Commission (NRC), using the never before used, streamlined licensing process developed in 1992 and 2) completing the design engineering for the selected reactor technologies.
Oak Mountain Products, LLC	Delaware	7/9/2001	Project company that owns a facility capable of producing synthetic fuel. from coal by applying a latex or asphalt binder in order to induce a chemical change.
Ocotillo Windpower, LP	Delaware	12/22/2004	Owner of all the assets that comprise the 58.8 MW Ocotillo Windpower Project being developed near Big Spring, Texas.
Ohio River Valley Propane, LLC	Delaware	10/18/2001	Engaged in the business of marketing propane in the United States and owning and operating a propane storage cavern.
Ohio Valley Electric Corporation	Ohio	10/1/1952	Formed for the purpose of providing the large electric power requirement projected for a major DOE uranium enrichment complex. OVEC has in turn a subsidiary called Indiana Kentucky Electric Corporation which provides similar services.
			Owns an electric generating facility and sells electricity to a government facility that makes weapons. It also provides the large electric power requirement for a major Department of Energy uranium enrichment complex.
Oklahoma Arcadian Utilities, LLC	Delaware	12/5/2000	Constructs, owns, operates and maintains energy-related facilities located at a General Motor vehicle assembly plant in Oklahoma City, Oklahoma.
Owings Mills Energy Equipment Leasing LLC	Delaware	10/20/1999	
P.I.D.C. Aguaytia, L.L.C.	Delaware	11/17/1995	Delaware limited liability company with ownership interest in the Aguaytia project in Peni.
Pacific Power Holdings No. 1, B.V.	Netherlands	3/27/2008	Danish Holding company for potential projects in Central America
Paeific-Power-Hokings-No. 2-43-X	Netherlands	3/28/2008	Вжиныћ H elding ссептрану-far ројеена јакојеена In Gentral - Ашегиса

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Attachment-CEW-2 Page 35 of 62	Corporate staff-operations: General Partmer (194) in Paulonei gy Nervuces I annied Partner in	Parent Company	Delaware holding company which holds 99% in Gas Integral SRL (Peru) with regard to the Aguaytia project in Peru.	Venture capital firm created to invest in high-technology and bio-technology (including clean energy) private start-up companies in the research triangle (Raleigh, Durham and Chapel Hill) of NC and the Southeast. Currently in bunkturier: proceedings		<u>Full sorvice telecommunications-provider, which is currently putting in place fiber oppic addes</u> switching equipment_back-office support and safes thatkeung plan. <u>Mevicant holding company</u> used for various transactionts within Duke Unergy International	Performs underground utility related facilities (tous) we are reaching and construction services. Project company that has been developing two solid photocolique ("PV") oficetric generation projects (Stanton project) and Letport project) to be localled on property owned by the Orlando Unifies Commission in Orlando. [1].	€Avns-a-vogeneratian-facility-in-Manne	Owns a biomass facility in Vermont	Assemblage of land for future generation project use	Insetive-Has been dormant for many years. Dissolution under review.	Developing a wind-power project in Nevada	Develop and over certain solar PV realling respects serving the fightermic SD in	Develop and own certain solar. PV readion projects, set ving the Baild Again of the PA	The purpose of the company is to develop, dosign and construct the improvements. to own, operate and maintain the Central Utilities Complex, to obtain financing for such activities, and to take all actions incident therein (the 'Purpose').	Holds a lease for some property in Laramie County, Wyoming.	Special purpose company devoted to developing, constructing, owning, operating and selfing the electricity and associated reversible priorige credity from its.), megawiti (ACD, solar electric		35			
	9701-51-3	1/26/1981	10/26/1995	9661/2/01	7/31/2008	6101212-39661-1-9296	010225186615279	9861-0171	4/30/1990	10/26/2007	3/30/1979	1/17/2008	3/4/2010	12/7/2009	10/16/2000	4/16/2007	11.7/2008					
	Pelaware	Delaware	Delaware	North Carolina	Indiana	Nevada Mexico	fhdimme, <u>Dolawarc</u>	Maine	Utah	South Carolina	Brazil	Nevada	Delaware	Delawore	Delaware	Delaware	<u>Eletware</u>					
	Pan Service Company	PanEnergy Corp	Peru Energy Holdings, LLC	Piedmont Venture Parmers Limited Partnership	Pioneer Transmission, LLC	Proveetn de Autoalvasteenmiento La Silla, <u>5, de R.J., de C.V.</u> Q. Grunn-Corporation	<u> 1812 - Orlando Rehant</u> Serwees, LLC	Rumford Cogeneration Company Limited Partnership	Ryegate Associates	Sandy River Timber, LLC	Seahorse do Brasil Servicos Maritimos Ltda.	Searchlight Wind Energy LLC	SUC Bellefonte SD SolarOne, U.K.	SEC. BUSD Solar One, J.LC	Shreveport Red River Utilities, LLC	Silver Sage Windpower, LLC	Solar Star North Curoling L					

		(<u>11/12)</u>)		(IEZE)	(<u>125)</u>	<u>(375)</u>	(1376)	[[22]]			13801	[385]	[383]		[384]					[389]	(1062)	(162)	[[365]	[[[66]]]	[1394]	[<u>1566]</u>	196E	[<u>[397]</u>		[662]		[401]	[402]			[405]					[410]
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			generating fuerlity in Shelliv, NC (currently under construction).
<u>Solar Star North Carolina</u> (), <u>) 1.C</u>	Delaware	12162009	Special purpose company devoted to development constructing owning, operating and selfine the electricity and associated remevable epergy credits. from (4, 5, one-megasya) (-XC) yolar photoxoltatic electric generating, facilities, in Mut freeshore, Hertford Cougity, NC (confront), under development.
South Construction Company, Inc.	Indiana	5/31/1934	Holds legal title to real estate and interests in real estate which are either not used and useful in the conduct of Duke Energy Indiana, Inc.'s business or which has some defect in title which is unacceptable to Duke Energy Indiana Inc.
South Livusityr Green Power, L. P.	L)eia ware	()))	Formed for the purpose of softing steam and electricity to 13P set us. The ask in and i hourdate Bayou isoftice. In uddition, it will take operate and manitum existing facilities, and consistent, own and operate new cogeneration flocilities at the locations
Southern Power Company	North Caroling	12/30/1927	The purpose of this entity is to generate, transmit and distribute electric power and preserve property rights. Currently interive, but and us the books- retain entity.
Spruce Mountain Investments, LLC	Delaware	11/8/2006	Holding company - Owns all the membership interests in Spruce Mountain Products, LLC, a coal- based synthetic fuel productivity facility.
Spruce Mountain Products, -LLC	Delaware	10/27/2006	A coal-based synthetic fuel production facility.
St. Paul Cogeneration, LLC	Minnesota	12/18/1998	Develops, constructs, operates and maintains a qualifying facility (QF) in downtown St. Paul, Minnesota.
SUEZ/WNA/DEGS of Lansing_LLC	Delaware	11/3/1999	Develops, constructs and operates cortain energy facilities located at a General Motors facility in Lansing, Michigan
SUEZ-DEGS of Ashtabula, LLC	Delaware	4/21/1999	Develops, constructs, operates and maintains a qualifying facility (QF) located in Ashtabula, Ohio and provides other energy-related products and services.
SUEZ-DEGS of Lansing, LLC	Delaware	11/3/1999	Provides management services for Trigen/Cinetgy-USFOS of Lansing LLC.
SUEZ-DEGS of Orlando, LLC	Delaware	6/12/1998	Develops, constructs, operates and maintains a district cooling business in Orlando, Florida.
SUE2-DEGS of Owings Mills, LLC	Delaware	9/20/1999	Develops, constructs, operates and maintains a cogeneration facility located at the Sweetheart Cup Corporation in Owings Mills, Maryland.
SUEZ-DEGS of Rochester, LLC	Delaware	10/20/1999	Provides entrEy-related services to Kodak Park in Rochester, New York.
SUEZ-DEGS of Silver Grove, LLC	Delaware	3/18/1999	Provides emergy-related services to the Lafarge gypsum manufacturing plant in Silver Grove, Kentucky. These services include the design, installation and operation of a combined heat and power system.
SUEZ-DEGS of Tuscola, LLC	Delaware	8/21/1998	Develops, constructs, operates and maintains a qualifying facility (QF) in Tuscola, Illinois and provides other energy-related products and services.
SUEZ-DEGS, LLC	Delaware	2/18/1997	Engages in the preliminary development of cogeneration and/or thermal energy facilities. Specific projects are developed and held by special purpose affiliates.

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Юстериры: сопинисия and operates селания спорау-incititues becated at a Creneral Man и - Gaerbir, на 1. ansing:- Michigan.	Hold land for future generation project use.	Holding company that owns LLCs with interests in wind power assets in Texas	Developing a wind-power project in Texas	Owns wind generation facility in Texas	Owns assets of wind power project being developed in Texas	Owns wind generation assets in Texas	Formed to commercialize new technologies for converting high-sulfur coal to low-sulfur coal.	To develop a LMW solar PV project in Alexander County, Fuviorsville, North Carolina	Hold land for future project use	. Helding contraint.	Holding company,	Holding company.	-Londing-company-	Coal-based synthetic fuel production business.	Bermuda holding entity with indirect ownership interest in the Aguaytia project in Peru.	Peruvian limited liability compary that owns and operates facility generating electricity in the Peruvian Amazon Basin.	Bermuda holding company with investments in international ventures.	Investments in Texas Eastern International Venturers, Ltd. and National Methanol Company	To receive, administer, and make donation of funds for educational, scientific, and charitable purposes.				
nontr t:Hi	7/24/2008	4/18/2007	11/5/2002	6/24/2003	4/19/2004	4/29/2004	4/29/2004	4/29/2004	4/29/2004	11/5/2002	10/13/2000	4.29/2010	12/11/2006	9002/12:01	9/30/2005	12/21/2004	4/16/2007	5/1/2007	12/17/1996		11/24/1972	7/25/1974	6/5/1984
Deliware	Delaware	Delaware	Texas	Delaware	Delaware	Delaware	Delaware	Delaware	Delaware	Texas	Delaware	Delaware	South Carolina	Delaware	Delaware	Delaware	Delaware	Delaware	Bermuda	Peru		Bermuda	North Carolina
And the source of the source o	Sugartree Timber, LLC	Sweetwater 4-5 Holdings LLC	Sweetwater Development LLC	Sweetwater Wind I LLC	Sweetwater Wind 2 LLC	Sweetwater Wind 3 LLC	Sweetwater Wind 4 LLC	Sweetwater Wind 5 LLC	Sweetwater Wind 6 LLC	Sweetwater Wind Power L.L.C.	SYNCAP II, LLC	Taylorsville Solar, LJ.C	TBP Properties, LLC	This I tuppy Jack, 1.1.6	TE Notrees, LLC	TE Ocotillo, LLC	HE Silver Sage, LLC	Teak Mountain Products, LLC	TEC Aguaytia, Ltd.	Termoselva S. R. L.	Texas Eastern (Bermuda) Ltd.	Texas Eastern Arabian Ltd.	The Duke Energy Foundation

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VI. A CODE OF CONDUCT POLICY THAT COMPLIES WITH O.A.C. 4901:1-37-05 04_AND THAT EMPLOYEES OF THE UTILITY AND AFFILAITES AFFILIATES MUST FOLLOW.

Duke Energy Ohio Affiliate Code of Conduct

A. Introduction

This Affiliate Code of Conduct governs the actions of Duke Energy Ohio and its affiliates. It is intended to ensure that no competitive advantage flows from Duke Energy Ohio to an affiliate and vice versa. Compliance with this Code of Conduct shall be mandatory for all employees, consultants, and independent contractors of Duke Energy Ohio and its affiliates.

B. The Code of Conduct

- Duke Energy Ohio shall not release any proprietary customer information (e.g., individual customer load profiles or billing histories) to an affiliate, or otherwise, without the prior authorization of the customer, except as required by a regulatory agency or court of law.
- 2. Duke Energy Ohio shall make customer lists, which include name, address, and telephone number—of-the-customer, available on a nondiscriminatory basis to all nonaffiliated and affiliated certified retail electric competitors—service_providers transacting business in its service territory, unless otherwise directed by the customer. This paragraph does not apply to customer-specific information, obtained with proper authorization, necessary to fulfill the terms of a contract, or information relating to the provision of general and administrative support services. This information shall not be used by the certified retail electric service providers for any other purpose than the marketing of electric service to the customer.

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- 3. Employees of Duke Energy Ohio's affiliates shall not have access to any information about Duke Energy Ohio's transmission or distribution systems (e.g., that would convey a competitive advantage to such affiliate (including, but not limited to, system operations, capability, price, curtailments, and ancillary services) and that is not contemporaneously available, readily accessible, and in the same form and manner available to a nonaffiliated competitors providing-of retail electric service.
- 4. Duke Energy Ohio shall treat as confidential all information obtained from a Certified Supplier-of<u>competitive</u> retail electric service <u>provider</u>, both affiliated and nonaffiliated, and shall not release such information unless a <u>Certified Supplier-competitive retail</u> <u>electric service provider provides prior-authorization to do so or unless the information</u> <u>was or thereafter becomes available to the public other than as a result of disclosure by</u> <u>the electric utility</u>.
- 5. Duke Energy Ohio shall not tie (nor allow an affiliate to tie). as defined by state and federal antitrust laws, or otherwise condition the provision of Duke Energy Ohio's regulated services, discounts, rebates, fee waivers, or any other waivers of ordinary terms and conditions of service, including but not limited to tariff provisions, to the taking of any goods and/or services from Duke Energy Ohio's affiliates.
- 6. Duke Energy Ohio shall ensure effective competition in the provision of retail electric service by avoiding anticompetitive subsidies flowing from a noncompetitive retail electric service to a competitive retail electric service or to a product or service other than retail electric service, and vice versa. Duke Energy Ohio shall accomplish this by ensuring that all employee sharing and affiliate transactions are at fully embedded cost

pursuant-to-its-PUCO-approved-service-agreements-and-in-accordance-with FERC affiliate-pricing-rules-and-regulations.

- 7. Duke Energy Ohio, upon request from a customer, shall provide a complete list of all Certified Supplierscompetitive retail electric service providers operating on the system, but shall not endorse any Certified Supplierscompetitive retail electric service providers, nor indicate that any Certified Supplier- electric services company is an affiliate, or indicate that any competitive retail electric service provider will receive preference because of an affiliate relationship.
- 8. Duke Energy Ohio shall not-engage in joint advertising or marketing activities with an affiliate.-nor-allow-an-affiliate to-use-its-name or logo in any-advertising, promotion or marketing activity use reasonable efforts to ensure retail electric service consumers protection against unreasonable sales practices, market deficiencies, and market power and Duke Energy Ohio's compliance officer shall promptly report any such unreasonable sales practices, market power to the director of the utilities department (or a designee).
- Employees of Duke Energy Ohio or persons representing Duke Energy Ohio shall not indicate a preference for an affiliated electric services company.
- 9.10. Duke Energy Ohio shall provide comparable access to products and services related to tariffed products and services; and specifically comply with the following:
 - a) Duke Energy Ohio shall not-<u>bc prohibited from unduly discriminating</u>e in the offering of its products and/or services;
 - b) Duke Energy Ohio shall apply all tariff provisions in the same manner to the same or similarly situated entities, regardless of any affiliation or non-affiliation;

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- c) Duke Energy Ohio shall not, through a tariff provision, a contract, or otherwise, give its affiliates or customers of affiliates preferential treatment or advantagespreference over nonaffiliated competitors of retail electric service or their customers in matters relating to any product and/or service;
- d) Duke Energy Ohio shall strictly follow all tariff provisions;
- e) Except to the extent allowed by state law, Duke Energy Ohio shall not provide discounts, rebates, or fee waivers for any state regulated monopoly service.
- 10.11 Shared representatives or shared employees of Duke Energy Ohio and its affiliated electric services company shall clearly disclose upon whose behalf their public representations are being made when such representations concern the entity's provision of electric services.

C. Limited Exception

Notwithstanding the foregoing, in a declared emergency situation, Duke Energy Ohio may take actions necessary to ensure public safety and system reliability. Duke Energy Ohio shall maintain a log of all such actions that do not comply with the Code of Conduct-provisions, which log shall be subject to review by the Public Utilities Commission of Ohio and its staff.

D. Violations

Violations of this Code of Conduct may subject the violating employee, consultant, or independent contractor to disciplinary action up to and including discharge from employment.

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VII. A DESCRIPTION OF ANY JOINT ADVERTISING AND/OR JOINT MARKETING ACTIVITIES BETWEEN THE UTILITY AND AFFILIATES.

In order to ensure compliance with corporate separation rules and regulations, Duke Energy Ohio does not plan to jointly-advertise or market jointly with its non-regulated affiliates. If that position changes, Duke Energy Ohio will advise the Commission Staff. Duke Energy Retail Sales, <u>LLC.</u> (DERS) is a registered certified competitive retail electric service provider in the State of Ohio. It is a subsidiary of Duke Energy Corporation and an affiliate of Duke Energy Ohio. Duke Energy Ohio will not engage in joint marketing with DERS. <u>However, for purposes of clarification, when DER solicits business or enters into contracts with customers, it is occasionally necessary for it to reference the identity of the local utility. In such circumstances, or circumstances similar in nature to those described, the reference by DER to Duke Energy Ohio shall not be deemed joint marketing or advertising.</u>

Duke Energy Corporation has in place several policies to protect its company brand. To best position the company for future growth and create value for all stakeholders, its franchised electric and gas utilities will use a single company name – Duke Energy. Some employees and executives who interact with state regulatory commissions and other official agencies will identify their businesses as Duke Energy Carolinas, Duke Energy Indiana, Duke Energy Ohio and Duke Energy Kentucky. Signs at facilities, logos on vehicles, uniforms and hard hats, language on our Web sites and other communications will simply use "Duke Energy."

The geographic identifiers (*e.g.* Duke Energy Ohio) or other corporate identifiers, where appropriate, are to be used in the following applications:

Regulatory filings in the franchised jurisdictions and in other public documents (press releases, fact sheets, etc.) referring to those filings, and on reports specific

to the utility that are presented to regulators and for limited internal uses. Examples are financial reports, customer data, etc.

Business cards, stationery of large customer/regulator/legislator-facing employees in the respective utility organizations (for simplicity, this applies to all employees in the organizations reporting to the utility presidents).

Other, non-regulatory-driven communications, publications, brochures, and reports should refer to Duke Energy only and use the Duke Energy logo-._Such communications may describe regional operations: for example, an economic development brochure might refer to "doing business in the Carolinas" or a regulatory report might refer to the company's "Indiana operations." Geographic identifiers should be avoided in these uses. Geographic identifier logos should not be used on hard hats, vehicles, signage, or logo merchandise.

Marketing Communications researches trademarks and reviews and approves all new names and logos. Logos are based on the common, not legal, name of the business unit.

- All energy-related business units use the corporate name and logo as their primary identifiers, with the business unit name as a secondary identifier.
- Subsidiaries of energy-related business units use the corporate name and logo as their primary identifiers, with the subsidiary name as the secondary identifier.
- Energy-related business formed from joint ventures use the corporate name and logo only when the business's practices, policies and approaches mirror those of Duke Energy.
- Newly formed businesses use names and logos established on a case-by-case basis.

VIII. PROVISIONS TO MAINTAIN THE COST ALLOCATION MANUAL.

Duke Energy Ohio maintains its CAM in accordance with O.A.C. <u>Rule -</u> $\frac{94901:1-20-10(1)(8)37-08}$. The CAM is organized according to the aforementioned provision and includes the following information:

- 1. An organization chart of the holding company, depicting all affiliates, as well as a description of activities in which the affiliates are involved.
- 2. A description of all assets, services, and products provided to and from the electric utility and its affiliates.
- All documentation including written agreements, accounting bulletins, procedures, work order manuals, or related documents, which govern how costs are allocated between affiliates.
- 4. A copy of the job description of each shared employee.
- A list of names and job summaries for shared consultants and shared independent contractors.
- A copy of all transferred employees' (from the electric utility to an affiliate or vice versa) previous and new job descriptions.
- 7. A log detailing each instance in which the electric utility exercised discretion in the application of its tariff provisions.
- 8. A log of all complaints brought to the electric utility regarding this chapter.
- A copy of the minutes of each board of directors meeting, where it shall be maintained for a minimum of three years.

Duke Energy Ohio has established a CAM team comprised of representation from Duke Energy's various departments, including Rates, Regulatory Accounting, Corporate Accounting,

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Human Resources (HR), Compliance, and Legal. After initial development of the CAM, this team meets periodically to review changes to Duke Energy Ohio's and its affiliates' business and business practices, and will make the necessary modifications to the CAM. Duke Energy Ohio will send to the Commission's director of the Commission's utilities department, in accordance with O.A.C. <u>Rule 4901:1-37-08(11)20-16(J)(8)</u>, a summary of any significant changes in the CAM every twelve months, as applicable.

Duke Energy Ohio will keep CAM filed with its corporate entity records, located in the Legal Department, 25th Hoor. Atrium 11139 East Main Street, Cincinnati, OHOhio.

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IX. A DESCRIPTION AND TIMELINE OF ALL PLANNED TRAINING AND EDUCATION.

Duke Energy Corporation-maintains a Corporate-Ethics & Compliance Department (<u>Regulatory Compliance</u>) as part of its Office of General Counsel. Corporate ComplianceRegulatory Compliance is responsible for ensuring that Employees employees and contractors receive required training in areas such as FERC Standards of Conduct-FERC and Affiliate Restrictions (formerly known as FERC-Code of Conduct), Duke Energy's Code of Business Ethics, and various states' codes of conduct. <u>Corporate Compliance maintains copies</u> of this This training is maintained on the Duke Energy Portalportal, an internal website for all employees in the Duke Energy Corporate holding company structure. <u>FERC Standards of Conducts and Affiliate Restrictions training is required for most-applicable</u> new employees and contractors, and those employees and contractors receive that the FERC training on an annual basis thereafter. Code of Business Ethics training occurs upon the hiring of a new employee and thereafter on a periodic basis, and when standards are revised. <u>A separate version of the training for the Code of Business Ethics is provided to appropriate contractors, when engaged.</u>

The Ohio Corporate Separation/Code of Conduct Training includes specific information and guidance for employees pursuant to the Plan. Mandatory training is deployed annually by Regulatory Compliance to impacted employees and contractors via computer-based training pursuant to a training protocol (e.g., individuals are provided 60 days to complete the training and a formalized follow-up process is followed to track completion). Annual training was deployed on January 1, 2011, and will continue to be a part of the overall Regulatory Compliance training curriculumwill eonsist of the following.

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<u>Supplemental, scenario-based Code of Conduct training was deployed in May 2011</u> (computer-based) to the Retail Customer Products and Services department to address specific requirements in the Ohio Corporate Separation Plan that address promoting non-regulated product and service offerings. This training is expected to be further enhanced, following initial deployment. In response to the department's request, this training will be deployed semiannually. Further, a document detailing requirements of the Ohio Corporate Separation Plan has been provided to the Retail Customer Products and Services department.

<u>Regulatory Compliance also provides a mailbox (compliancereporting/a dukeenergy.com) as a resource to employees to encourage them to submit questions and/or concerns.</u> <u>These inquiries are used to identify compliance trends and/or areas that need follow-up.</u> <u>steps:</u>

3rd-Quarter-2009

Needs Assessment determine the specific needs of each of the target audience groups;

Refine curriculum and produce training materials;

Create roster of all employees in each target audience group.

4th-Quarter-2009

Schedule training-sessions for each-target audience group;

Computer-based-Code of Conduct training sessions;

Conduct follow-up and periodic training to ensure all targeted employees have received and thoroughly-understand the Corporate Separation and Code of Conduct rules.

Additionally, the training will be repeated on a periodic, as-needed basis, as-determined by Corporate Compliance to ensure that employees update and maintain their knowledge of Corporate Separation and Code of Conduct issues. Finally, this training curriculum will be built

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into-Duke-Energy-Corporation's-New-Employee Orientation-training-such-that-targeted-new employees will-receive the necessary-training-on-Corporate-Separation-and-Code-of-Conduct policies and procedures as well.

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X. A COPY OF THE POLICY STATEMENT TO BE SIGNED BY ELECTRIC <u>UTILITY</u> AND AFFILIATE EMPLOYEES WHO HAVE ACCESS TO ANY NONPUBLIC ELECTRIC UTILITY INFORMATION.

Policy Statement

Each employee who has access to any nonpublic electric utility information will be required to electronically sign or acknowledge the Corporate Separation Policy Statement attached below. This will be administered during the computer-based training sessions to ensure that all affected employees electronically sign this agreement.

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DUKE ENERGY OHIO CORPORATE SEPARATION

POLICY STATEMENT

I hereby acknowledge that I am aware of, have read and will adhere to all policies and procedures regarding limitation on the use of nonpublic electric utility information. I also hereby acknowledge that failure to observe these limitations will result in appropriate disciplinary action.

I have also been made aware of Duke Energy Ohio's Cost Allocation Manual (CAM), including the appropriate costs and expenses which must be reported to the person in charge of Duke Energy Ohio's CAM. I have been given the opportunity to ask questions regarding Duke Energy Ohio's Corporate Separation Plan, Affiliate Code of Conduct and CAM and understand the compliance program included therein, including the appropriate method in which complaints are to be handled and the appropriate persons to whom possible violations should be reported. I have attended one or more training sessions offered by Duke Energy Ohio with regard to the implementation and operation of Duke Energy Ohio's Corporate Separation Plan.

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XI. A DESCRIPTION OF TRAINING, INTERNAL COMPLIANCE MONITORING PROCEDURES, AND -METHODS FOR CORRECTIVE ACTION FOR NON-COMPLIANCE.

The Corporate Separation/Code of Conduct Training plan has been designed to ensure that all <u>appropriate</u> employees <u>and contractors</u> throughout the Duke Energy Corporation holding company structure know and can implement the policies and procedures of Corporate Separation.

A. Training Goal:

The goal of the Corporate Separation/Code of Conduct Training is to ensure that those employees <u>and contractors that who</u> may currently or in the future be affected by the Commission's rules thoroughly understand the policies and are provided with the resources they require <u>need</u>, in <u>order</u> to follow the Corporate Separation and Code of Conduct procedures.

The training will be provided not only to currently affected employees <u>and contractors</u>; but, on an on-going basis, will be provided<u>also</u> to those new employees <u>and contractors</u> or <u>those</u> employees <u>or contractors</u> who have become affected through changes in job responsibilities. <u>A</u> process to track changes in employees: job responsibilities. in order to ascertain whether they require this training, will be maintained by Duke Energy's Corporate Compliance Department.

B. Target Audience:

Generally, the Corporate Separation/Code of Conduct Training will be administered to all employees <u>and contractors</u> within the Duke Energy Corporation holding company structure who will be affected by compliance with the Commission's rules. Specifically, these employees <u>and</u> <u>contractors</u> include but are not limited to:

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- Those employees and <u>contractors</u> having decision-making authority for approving transactions between Duke Energy Ohio and any of its affiliates;
- Those employees <u>and contractors</u> who have access to nonpublic Ohio electric utility information;
- _____ Service company employees and contractors who are located in Ohio.
- <u>Employees and contractors who are directly employed by affiliates that do</u> business in Ohio.

C. Curriculum:

The Corporate Separation/Code of Conduct Training curriculum generally will consist of

the following:

- Present Overview of Corporate Separation/Code of Conduct;
- Explain Accounting Treatment of Affiliate Transactions, including review<u>Review</u> of SEC-a<u>Approved</u> Service Agreements;
- Identify Restrictions on Financial Arrangements;
- Discuss Duke Energy Ohio's Affiliate Code of Conduct;
- Explain Corporate Separation Complaint Procedures;
- Describe Cost Allocation Manual (CAM) and Associated Procedures;
- Explain Internal Compliance Monitoring, including reporting_Reporting_of
 possible Possible violationsViolations.

The curriculum will be customized to the target audience. For example, emphasis will be placed on the Cost Allocation Manual in training employees in the accounting department.

D. Internal Compliance Monitoring:

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To ensure that Duke Energy Ohio's Corporate Separation Plan and Affiliate Code of Conduct are properly implemented within the Duke Energy Corporation holding company structure, the following internal compliance monitoring process will be followed:

- Duke Energy's Office of General Counsel<u>, via Regulatory Compliance encompassed</u> therein, will ensure that all affected employees and contractors receive the Corporate Separation/Code of Conduct Training; Employees and contractors are allowed a 60-day period during which to complete each required training module, with period reminders during that period and overdue notices to management if the training is not completed.
- After receiving the training described above, each employee will be required to attest to the Policy Statement contained in Section X of this document.
- 3. Duke Energy's Office of General Counsel will continue to provide a method for Employees-<u>employees</u> to ask questions regarding the Corporate Separation/-Code of Conduct as well as the ability method to report possible violations of the Corporate Separation and Code of Conduct Rules through posting of Compliance personnel contact information on the Duke Energy Portal, <u>through</u> the "ComplianceReporting" mailbox, and through the "EthicsLine" (anonymous reporting).
- 4. Possible violations reported to Duke Energy's Office of General Counsel will be investigated and documented. Upon completing the investigation, Duke Energy's Office of General Counsel will, if appropriate, recommend to senior management a course of action, including refresher training, to correct repeat violations_{iz}
- Senior management, upon reviewing the investigative report, will determine whether disciplinary action is required.

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| XII, DESIGNATION OF THE ELECTRIC UTILITY'S COMPLIANCE OFFICER.

Duke Energy Corporation maintains a Corporatean Ethics and Compliance department within its Office of General Counsel. For purposes of this requirement, Duke Energy Ohio has designated an individual to act as a contact for the Commission Staff when seeking data regarding affiliate transactions, personnel transfers, and sharing of employees. This individual is:

> Elizabeth H. Watts <u>Duke Energy Ohio</u> 155 East Broad Street, 21st Floor, Columbus, Ohio 43215

 Telephone:
 (614) 221-7551222-1331

 Fax:
 (614) 221-7556222-1337

 eE-mail:
 Elizabeth.Watts@duke-energy.com

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XIII. A DETAILED DESCRIPTION OUTLINING HOW THE ELECTRIC UTILITY AND ITS AFFILIATES WILL COMPLY WITH 0.A.C. <u>CHAPTER</u> 4901:1-37-05.

Pursuant to the <u>Commission's</u> approval <u>of the</u> Stipulation and Recommendation in Case No. 08-920-EL-SSO, Duke Energy Ohio's corporate separation plan is subject to annual audit. <u>only through 2011.</u> Such an audit will enable the Commission to confirm Duke Energy Ohio's compliance with its internal Plan and the rules pursuant to which that Plan was developed.

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XIV, A DETAILED LISTING OF THE ELECTRIC UTILTIY'SUTILITY'S ELECTRIC SERVICES AND THE ELECTRIC UTILITY'S UTILITY'S TRANSMISSION AND DISTRIBUTION AFFILIATES' FLECTIC ELECTRIC SERVICES.

Duke Energy Ohio is an Ohio corporation engaged in the business of supplying electric generation, transmission, and distribution service to approximately 660690,000 customers in southwestern Ohio, and is a public utility as defined by R.-C. 4905.02 and R.-C. 4905.03. Duke Energy Ohio provides competitive retail electric service to customers in its service territory pursuant to a Commission approved Standard Service Offer in the form of an Electric Security Plan ("ISP"), -Duke-Energy-Ohio-also-provides regulated electric-distribution service to its customers-in-Southwestern-Ohio.

Generation: А.

In a Stipulation reached in Case No. 08-920-EL-SSO, establishing Duke Energy Ohio's Electric Security Plan ("ESP") price through 2011,³ Duke Energy Ohio agreed to continue to own and dedicate its "legacy Cinergy" generation assets to its Ohio -customers and not transfer those assets to an exempt wholesale generation ("EWG")." Duke Energy has functionally separated the operation and maintenance of its generating portfolio from its regulated distribution service. As such, Duke Energy Ohio, as a regulated electric distribution company, treats its generation as a non-regulated affiliate and abides by both the FERC Standards of Conduct and Ohio's code of conduct.

В. Transmission:

A subsequent plan for establishing the price of generation services is under consideration by the Public Utilities Commission of Ohio. ⁴ Duke Energy Ohio is permitted to transfer certain gas fired generating assets that have become referred to as

[&]quot;Legney Duke Energy North America [DENA]" generating assets.

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Control of Duke Energy Ohio's transmission assets reside with a FERC-FERC-approved regional_transmission_entityorganization_(RTO,--the-Midwest-Independent-System-Operator (Midwest-ISO). The Midwest-ISO controls Duke Energy Ohio's transmission assets and does not have control of any generation assets. The transmission entityRTO shall operate in the public interest by preventing any transmission owner or competitive retail electric market participant from gaining an unfair competitive advantage within the Midwest-ISO its control area and by preventing the abuse of market power.

The Midwesst-4SORTO shall operate in the public interest by implementing efficient operating practices and procedures that prevent pan-caking, by improving transmission reliability, by encouraging an open generation market, eliminating barriers to entry in the generation market and by eliminating market control over bottlenecked transmission. The Midwest-ISORTO shall be large in scale to increase supply options for consumers and shall maintain a Board of Directors independent of transmission users. The transmission entityRTO shall operate in a manner designed to satisfy the requirements of its customers and shall maintain real-time reliability of the transmission system that it operates.

C. Distribution:

Duke Energy Ohio shall-operates its distribution system under the governance and rate authority of the Commission. Duke Energy Ohio shall-offers all customers safe and reliable distribution service on a non-discriminatory basis. Duke Energy Ohio's unbundled-tariffs shall define rates for its distribution services and products. Duke Energy Ohio shall-provides and operates new distribution facilities, or the extension of distribution facilities, pursuant to such unbundled-tariffs-and-will not-provide non-tariffed products and services absent Commission approval.

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Duke Energy Ohio may also offer a limited number of products and services other than retail electric service.Non-tariffed-products-and-service-offerings-will be-offered through non-regulated affiliates₇, pursuant to tariff-provisions. Upon customer request, Duke Energy Ohio may use contractors or employees to provide other utility-related services, programs, maintenance, and repairs related to customer-owned property, equipment, and facilities. In addition, Duke Energy Ohio plans to provide products and services other than tariffed retail electric service in an effort to advance the State's interests in energy efficiency and peak demand reduction and to comply with the energy efficiency and peak demand reduction-benchmarks set forth in R.C. 4928.66. These programs give the Company the opportunity to serve customers more completely and to assist in meeting statutory requirements.

XV. A COMPLAINT PROCEDURE TO ADDRESS ISSUES CONCERNING COMPLIANCE WITH O.A.C. 4901:1-37-05.

Duke Energy Ohio has adopted the complaint procedure set forth below. This complaint procedure is to be used to address complaints related to compliance with Duke Energy Ohio's Corporate Separation Plan. A copy of this complaint procedure will be made available upon request to:

Associate Deputy General Counsel – Regulatory Section, Legal Department Duke Energy Ohio, Inc 139 East Fourth Street P. O. Box 960 Cincinnati, OH 45202

A. Complaint Procedure

The following complaint procedure is to be used to address complaints related to compliance with Duke Energy Ohio's Corporate Separation Plan.

- All complaints, whether written or verbal, shall be referred to the compliance officer designated by Duke Energy Ohio or their such officer's designee.
- The compliance officer, or its-the designee. or designee. shall orally acknowledge the complaint within five working days of its receipt.
- 3. The compliance officer or its the designee or designee shall prepare a written statement of the complaint that shall contain the name of the complainant and a detailed factual report of the complaint, including all relevant dates, companies involved, employees involved, and the specific claim.
- 4. The compliance officer or designee shall communicate the results of the preliminary investigation to the complainant in writing within thirty days after the complaint was received, including a description of any course of action that was taken.

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- 5. All written statements of complaints and required investigations shall keep a file in the CAM, in accordance with paragraph (JB)(14)(c) of O.A.C. 4901:1-20-1637-05, of all such complaint statements for a period of not less than three years.
- 6. This complaint procedure shall not in any way limit the rights of a party to file a complaint with the commission.

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DUKE ENERGY OHIO, INC.

Third Amended Corporate Separation Plan

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THIRD AMENDED CORPORATE SEPARATION PLAN

I. OVERVIEW.

This Third Amended Corporate Separation Plan (Amended Plan) describes the processes and controls that Duke Energy Ohio, Inc. (Duke Energy Ohio or the Company) has implemented, consistent with Ohio Administrative Code (O.A.C.) Chapter 4901:1-37 and Ohio Revised Code (R.C.) Section 4928.17. Duke Energy Ohio's initial Corporate Separation Plan was approved in Case No. 99-1658-EL-ETP. Duke Energy Ohio filed its Amended Corporate Separation Plan as part of its application to establish an Electric Security Plan (ESP) in Case No. 08-920-EL-UNC *et al.* The Public Utilities Commission of Ohio (Commission) approved Duke Energy Ohio's ESP and Amended Corporate Separation Plan by order dated December 17, 2008. Duke Energy Ohio's Second Amended Corporate Separation Plan was filed in Case No. 09-495-EL-UNC and was approved by the Commission on April 5, 2011.

This Amended Plan is designed to comply with the regulations set forth in O.A.C. Chapter 4901:1-37. This Amended Plan governs the corporate separation of noncompetitive retail electric service from competitive retail electric service as well as the products and services offered by certain affiliates of Duke Energy Ohio and is intended to be complementary to Duke Energy Ohio's Cost Allocation Manual (CAM). Duke Energy Ohio's CAM generally describes how costs are allocated between and among Duke Energy Ohio and its affiliates.

II. PROVISIONS THAT MAINTAIN STRUCTURAL SAFEGUARDS.

O.A.C. 4901:1-37-4(A) sets forth required structural safeguards. Specifically, the

provision provides:

- (1) Each electric utility and its affiliates that provide services to customers within the electric utility's service territory shall function independently of each other.
- (2) Each electric utility and its affiliates that provide services to customers within the electric utility's service territory shall not share facilities and services if such sharing in any way violates paragraph (D) of this rule.
- (3) Cross-subsidies between an electric utility and its affiliates are prohibited. An electric utility's operating employees and those of its affiliates shall function independently of each other.
- (4) An electric utility may not share employees and/or facilities with any affiliate, if the sharing, in any way, violates paragraph (D) of this rule.
- (5) An electric utility shall ensure that all shared employees appropriately record and charge their time based on fully allocated costs.
- (6) Transactions made in accordance with rules, regulations, or service agreements approved by the federal energy regulatory commission, securities and exchange commission, and the commission, which rules the electric utility shall maintain in its cost allocation manual (CAM) and file with the commission, shall provide a rebuttable presumption of compliance with the costing principles contained in this chapter.

Except as permitted by the Commission's rules and Title 49, Ohio Revised Code (R.C.),

Duke Energy Ohio and its affiliates that provide services to customers within Duke Energy

Ohio's service territory function independently of each other.

In December 2005, as a condition of the merger between Duke Energy Corporation

(Duke Energy) and Cinergy Corp., the companies agreed to enter into several service agreements

that address, among other things, cost allocation, provision of services, and pricing of transactions between and among Duke Energy holding company affiliates, including Duke Energy Ohio. A summary of the various agreements and the services and pricing for transactions permitted therein is included in Section IV of this document. Copies of the agreements are included in and are more fully described in Duke Energy Ohio's CAM. Duke Energy monitors compliance with these agreements as part of its utility operations in Ohio, Indiana, Kentucky, North Carolina, and South Carolina.

In addition to the general separation of books and records between Duke Energy Ohio and its affiliates, Duke Energy Ohio has implemented various safeguards to ensure compliance with the affiliate transaction rules and regulations. The Company has physically separated its regulated distribution business from its competitive retail electric service employees. Employee access to regulated and non-regulated areas is electronically monitored to ensure there is complete separation. All employees receive annual training regarding types of information that cannot be communicated between regulated and non-regulated businesses.

To achieve operating efficiencies, Duke Energy Business Services LLC (DEBS), an affiliated service company, provides support functions across Duke Energy. These services include accounting, treasury, human resources, communications, and legal functions. In general, DEBS employees are permitted to have greater access to information across the regulated and non-regulated businesses, but are prohibited from sharing such information with an employee who is not permitted to access the information directly. Costs related to DEBS employees are allocated pursuant to the Service Company/Utility Service Agreement and the Service Company/Nonutility Service Agreement described in Section IV of this document.

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III. PROVISIONS THAT MAINTAIN SEPARATE ACCOUNTING.

Duke Energy Ohio maintains separate books and records from its affiliates in accordance with the Federal Energy Regulatory Commission's (FERC) Uniform System of Accounts (USoA). The FERC USoA designates specific accounts where regulated and non-regulated transactions are to be recorded. Duke Energy Ohio and its affiliates have cost accounting procedures and systems in place and in operation that assure that each business unit and affiliate properly records the costs associated with that unit's or company's own activities and operations. These accounting procedures and systems are more fully set forth in the Company's CAM.

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IV. A LIST IDENTIFYING FINANCIAL ARRANGEMENTS AND TRANSACTIONS.

Financial arrangements between Duke Energy Ohio and its affiliates, except as the Commission may approve, are subject to the following restrictions: (i) any indebtedness incurred by an affiliate shall be without recourse to the electric utility; (ii) Duke Energy Ohio shall not enter into any agreement with terms under which the electric utility is obligated to commit funds to maintain the financial viability of an affiliate; (iii) Duke Energy Ohio shall not make any investment in an affiliate under any circumstances in which the electric utility would be liable for the debts and/or liabilities of the affiliate incurred as a result of actions or omissions of an affiliate; (iv) Duke Energy Ohio shall not issue any security for the purpose of financing the acquisition, ownership, or operation of an affiliate; (v) Duke Energy Ohio shall not assume any obligation or liability as a guarantor, endorser, surety, or otherwise with respect to any security of an affiliate; and (vi) Duke Energy Ohio shall not pledge, mortgage, or use as collateral any assets of the electric utility for the benefit of an affiliate.

Duke Energy Ohio and its utility and non-utility affiliates operate pursuant to the terms and conditions of various service agreements. The terms and conditions of these agreements set forth the cost allocations for the transactions that are permitted to occur pursuant to the various Agreements. Duke Energy Ohio maintains copies of the current agreements in its CAM. Many of these agreements were approved by the Public Utilities Commission of Ohio in Case No. 05-732-EL-MER as part of the merger between Duke Energy and Cinergy Corp.¹ In general, there are three primary cost allocations that affect Duke Energy Ohio and its affiliates: (1) cost

¹ Duke Energy Ohio is a party to other agreements with its utility affiliates that were not approved as part of the Duke-Cinergy merger. These agreements include but are not limited to the Miami Fort Operations Agreement, and Affiliate Inventory Asset Transfer Agreement, and the Natural Gas and Propane Services Agreement. These agreements allow Duke Energy Ohio to provide and receive services and goods at cost or otherwise according to FERC pricing regulations.

allocations from DEBS, the subsidiary service company of Duke Energy; (2) cost allocations between Duke Energy Ohio and its wholly owned subsidiary Duke Energy Kentucky, Inc., for common costs; and (3) administrative and general (A&G) cost allocations between its gas and electric operations for both capital and expense accounts. The agreements of which Duke Energy Ohio is a party include the following:

- Service Company/Utility Service Agreement This agreement governs transactions between DEBS (the service company) and utility affiliates, including Duke Energy Ohio. This agreement was entered into as part of merger between Duke Energy and Cinergy Corp. In its Opinion and Order dated December 21, 2005, the Commission approved this agreement in Case No. 05-732-EL-MER et al.² DEBS provides its services at cost, except that, solely for the purpose of Internal Revenue Code Section 482, Duke Energy Ohio shall pay DEBS the market value of services. However, notwithstanding the Section 482 exception, for rate making purposes, services are rendered to Duke Energy Ohio at cost.
- Operating Companies Service Agreement (Operating Company Agreement) This agreement governs transactions between Duke Energy Ohio and its utility affiliates. As compensation for any services rendered pursuant to the Operating Company Agreement, the company receiving services (Client Company) shall pay the service provider the fully embedded cost thereof (i.e., the sum of (i) direct costs, (ii) indirect costs and (iii) costs of capital), except to the extent otherwise required by Section 482 of the Internal Revenue Code. Services provided to or by Duke Energy Carolinas shall be priced in accordance with Duke Energy

² In the Matter of the Joint Application of Cinergy Corp., on Behalf of The Cincinnati Gas & Electric Company, and Duke Energy Holding Corp. for Consent and Approval of a Change of Control of The Cincinnati Gas & Electric Company, 05-732-EL-MER et al. (Finding and Order)(Dec. 21, 2005, at 14).

Carolinas's North Carolina Code of Conduct, approved by the North Carolina Utilities Commission. In accordance with FERC regulations, generation services provided by the regulated utilities to Duke Energy Ohio "Generation" and vice versa, are subject to asymmetrical pricing.

- Operating Company/Non-utility Companies Service Agreement (Affiliate Services Agreement) – This agreement governs transactions between Duke Energy Ohio and certain of its non-utility affiliates. As compensation for any services rendered pursuant to the Affiliate Services Agreement, the client company shall pay the service provider the fully embedded costs thereof, except as required by 482 of the Internal Revenue Code.
- Joint Transmission System Planning and Operating Agreement This agreement addresses the allocation of transmission costs and revenues for the Duke Energy (Duke Energy Ohio and Duke Energy Indiana, Inc., [Duke Energy Indiana]) transmission system.
- Utility Money Pool Agreement This agreement allows Duke Energy, DEBS, and Duke Energy's utility operating companies (including Duke Energy Ohio) to participate in a money pool arrangement, in order to better manage cash and working capital requirements. Under this arrangement, those companies with surplus short-term funds may contribute those funds into a money pool which is provided for short-term loans to affiliates (other than Duke Energy) participating under this arrangement. This surplus cash may be from internal or external sources. Each party receiving a loan pursuant to the agreement must repay the principal amount plus interest either on demand or within 365 days of receiving

the loan. Interest incomes from the loans are allocated among the parties in proportion to their respective contribution to the funds.

- Tax Sharing Agreement This agreement, between Duke Energy and its subsidiaries, provides for a consolidated federal income tax return and the allocation of consolidated federal income tax liabilities and benefits among the parties to the agreement.
- Miami Fort Unit 6 Operation Agreement This agreement allows for Duke Energy Ohio to operate and maintain Duke Energy Kentucky's Miami Fort Unit 6 Generating Station. Duke Energy Ohio is required to provide material, fuel, equipment, and services to Duke Energy Kentucky in accordance with good utility practice.
- Gas and Propane Services Agreement This agreement allows for Duke Energy Ohio to provide certain necessary services for the operation of Duke Energy Kentucky's Woodsdale Generating Station, which was formerly owned by Duke Energy Ohio.
- Agreement for Gypsum and FGD Waste Material Disposal Services This agreement allows Duke Energy Kentucky to perform scrubber and FGD waste disposal services for Duke Energy Ohio.
- Inter-Company Asset Transfer Agreement This Agreement permits asset transfer agreements for inventory items between Duke Energy Ohio and its affiliated regulated utility operating companies (Duke Energy Kentucky, Duke Energy Indiana, and Duke Energy Carolinas). The transfers are priced at the transferring party's fully embedded costs or through in-kind replacements,

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providing the transfers do not jeopardize the transferring party's ability to provide service. The pricing under this agreement is consistent with Ohio's affiliate transaction pricing rules. The agreement was entered into as a result of affiliate pricing rules in other jurisdictions that would otherwise require such transactions to be priced according to stricter asymmetrical pricing rules. Duke Energy Ohio "Generation" and regulated utilities use FERC's asymmetrical pricing for transfers among themselves.

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V. A LIST OF ALL CURRENT AFFILIATES IDENTIFYING EACH AFFILIATE'S PRODUCT(S) AND OR SERVICE(S).

Duke Energy has many subsidiaries within its family of companies. Duke Energy's Corporate Secretary maintains a list of all affiliates in the Duke Energy corporate holding company structure, which list will be made available to the Commission upon request. The following list includes the list of affiliates within Duke Energy as of June 1, 2011.

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Мате	Jurisdiction of Formation	Formation Date	Nature of Business
Actividades A y D, S.A.	Guatemala	2/8/2008	Formed to be a special proposed vehicle for a project in development.
ADAGE Hamilton LLC	Delaware	5/6/2009	Pursuant to the ADAGE joint venture, this special purpose vehicle will be the owner of the 50mw biomass power plant currently under development in Hamilton County. FL.
ADAGE LLC	Delaware	9/9/2008	Identify, evaluate, develop, and pursue Biomass opportunities in the US.
ADAGE Mason LLC	Delaware	12/17/1009	This special purpose vehicle will be the owner of the 55 MW biomass power plant currently under development in Mason County, Washington.
Advance SC LLC	South Carolina	7/9/2004	Distribute a portion of bulk power marketing revenues of Duke Power Company for certain South Carolina public assistance programs, education programs, economic development funding and manufacturing competitiveness funding. FERC Form 1: Grant making
Aguaytia Energy del Peru S.R.L. Ltda.	Peru	10/1/1996	Peruvian limited liability company which provides thermal electric generation in the Peruvian Amazon Basin, and is dedicated to operations in connection to natural gas and derivates.
Aguaytia Energy, LLC	Delaware	10/24/1995	Delaware limited liability holding company which owns 97.2238% of Aguaytia Encrgy del Peru SRL Ltda.
APOG, LLC	Delaware	6/22/2007	To provide technical, engineering and procurement support services to and for the benefit of Member-owned or operated nuclear facilities.
Attiki Denmark ApS	Denmark	10/1/2000	Danish entity which holds 49% interest in Attiki Gas Supply Company SA. This entity is a partnership with Shell Gas BV.
Attiki Gas Supply Company S.A.	Greece	1002/2/11	Greek entity which supplies and sells natural gas to consumers located within the geographical area of Attiki, which includes Athens, Greece.
Ball Hill Windpark, LLC	Delaware	9/29/2006	Developing a wind power generation project known as the "Ball Hill Windpark Project" in Vilienova and Hanover Townships in Chautaqua County in New York State.
Barmoor Wind Power Limited	England and Wales	6/10/2010	Special purpose company to hold assets of the Barmoor Wind Project in England and to facilitate the sale of the Barmoor Wind Project.
Bison Insurance Company Limited	Bermuda	12/11/1968	Bison Insurance Company Limited is a captive insurance company that insures the risks of Duke Energy Corporation and many of its subsidiaries and affiliates. Duke insures all or part of its risks with Bison and Bison in turn retains a portion of its reinsurance premiums, claim costs and expenses and invests its cash just as any other insurance company would do. (per Keith Bone 4.29.09)

Page 15 of 55 A natural gas-fired generation facility located in Haywood County, Tennessee.	The purpose of this entity is to generate, transmit and distribute electric power and preserve property rights.	The Duke Power nuclear program began in 1956 with the formation of the Carolinas Virginia Nuclear Power Associates, Inc. (CVNPA), consisting of Duke Power, Carolina Power & Light, Virginia Electric Power Company, and South Carolina Electric & Gas. CVNPA sponsored the construction and operation of the demonstration Carolinas-Virginia Tube Reactor (CVTR) at the Parr site, north of Columbia, SC. The CVTR began its demonstration mission in 1964 with a generating capacity of 17 Mwe, and completed its mission in January, 1967. Decommissioning of the plant was delayed until 2001; it currently is on-going. (Non-profit)	Formed to develop alternative emissions control technology.		Owns non-regulated power generation companies in the USA and United Kingdom	Developing windpower generation in the United Kingdom	Limited partnership that owns a Scottish limited company for wind power development	Limited partnership that owns a Scottish limited company for wind power development	Limited partnership that owns a Scottish limited company for wind power development	Limited Partner in a cogeneration plant in Maine	Member of a Limited Liability Company that owns wind power assets in Texas	Member of a Limited Liability Company that owns wind power assets in Texas	Member of a Limited Liability Company that owns wind power assets in Texas	Member of a Limited Liability Company that owns wind power assets in Texas	Member of a Limited Liability Company that is developing a wind facility in Texas
2/13/1998	7/28/1921	10/4/1956	1/31/1996	6/8/2007	6/23/1992	8/15/2002	10/8/2002	10/8/2002	10/8/2002	4/11/1989	12/12/2003	5/5/2004	6/3/2004	3/8/2005	9/7/2005
Delaware	North Carolina	North Carolina	California	Scotland	Vermont	England and Wales	Scotland	Scotland	Scotland	Vermont	Vermont	Vermont	Vermont	Vermont	Vermont
Brownsville Power I, L.L.C.	Caldwell Power Company	Carolinas Virginia Nuclear Power Associates, lac.	Catalytic Solutions, Inc.	Catamount Celtic Energy Limited	Catamount Energy Corporation	Catamount Energy Limited	Catamount Energy SC 1	Catamount Energy SC 2	Catamount Energy SC 3	Catamount Rumford Corporation	Catamount Sweetwater 1 LLC	Catamount Sweetwater 2 LLC	Catamount Sweetwater 3 LLC	Catamount Sweetwater 4-5 LLC	Catamount Sweetwater 6 LLC

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Vermont

Catamount Sweetwater

Corporation

6/17/2003

6/20/2005

Vermont

Catamount Sweetwater Holdings LLC

Member of three Limited Liability Companies

Holding company that owns LLCs with interests in wind power assets in Texas

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The purpose of this entity is to generate, transmit and distribute electric power and preserves property rights.	General Partner in Scottish limited partnerships	Limited Partner in Scottish limited partnerships	Owns assets in windpower projects being developed in various states	Mexican entity which previously provided payroll services to all DEI Mexican employees. Since the transfer of the Campeche platform to Pemex in August 2007, this company is now dormant.	Greek company which holds 51% (ownership of Attiki Denmark ApS) interest in the Attiki Gas Project, and debt for the project.	Markets electricity at wholesale.	Markets electricity at wholesale.	Formed to facilitate investments by Cinergy or its subsidiaries, and other energy companies in forestation projects in the Lower Mississippi River Valley, and possibly other sites, as a means for removing carbon dioxide (Co2) from the atmosphere.	The parent holding company of Duke Energy Indiana, Inc., Duke Energy Ohio, Inc., and Cinergy Investments, Inc.	Serves as the general partner of Cinergy Marketing & Trading, L.P.	Cayman holding entity. Formed to be utilized in connection with future EWG or FUCO acquisitions by Cinergy Corp.	Greek company which holds the Asset Services Agreement for the Attiki Gas Project in Greece.	Delaware holding company which holds 100% of Cinergy Holdings B.V. and 1 share in CGP Global Holdings, SA.	South African entity is currently in process for dissolution.	To engage in any lawful act or activity for which a corporation may be organized under the General Corporation Law of the State of Delaware, as set forth in Title 8 of the Delaware Code (the "GCL").	The U.S. holding company created for Cinergy's international, non-regulated investments, as well as its domestic initiatives in renewable generation. Through its subsidiaries, Cinergy Global Resources, Inc. holds interests in power generation, transmission and distribution projects worldwide and is also active in European gas and electricity markets. Assets in operation/development are located in various countries, including the Czech Republic, Denmark, Greece, Kenya, Spain, South Africa, England and Wales, Cayman Islands, the Netherlands, Poland, the U.S. and the Republic of Zambia.
	9/11/2002	9/11/2002	1/12/2007	2/10/12	8/10/2001	12/3/1997	7/21/1998	6/9/2003	6/30/1993	12/14/2001	9/4/1997	6/13/2003	12/18/1998	8/3/1999	9/4/1997	5/15/1998
North Carolina	Vermont	Vermont	Vermont	Mexico	Greece	Delaware	Delaware	Delaware	Delaware	Delaware	Cayman Islands	Greece	Delaware	South Africa	Delaware	Delaware
Catawba Manufacturing and Electric Power Company	CEC UKI Holding Corp.	CEC UK2 Holding Corp.	CEC Wind Development LLC	Centra Gas Toluca S.R.L. de C.V.	CGP Global Greece Holdings, SA	CinCap IV, LLC	CinCap V, LLC	Cinergy Climate Change Investments, LLC	Cinergy Corp.	Cinergy General Holdings, LLC	Cinergy Global (Cayman) Holdings, Inc.	Cinergy Global Hellas S.A.	Cinergy Global Holdings, Inc.	Cinergy Global Power Africa (Proprietary) Limited	Cinergy Global Power, Inc.	Cinergy Global Resources, Inc.

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Cinergy Global Tsavo Power	Cayman Islands	9/4/1997	Holds 48% interest in IPS-Cinergy Power Limited, a Kenyan entity, through its joint venture with Industrial Promotion Services (Kenya) Limited which holds the other 51.8% in IPS-Cinergy Power Limited.
Cinergy Investments, Inc.	Delaware	10/24/1994	A non-utility subsidiary holding company that holds the majority of Cinergy's domestic non-utility businesses.
Cinergy Limited Holdings, LLC	Delaware	12/14/2001	Holds an interest in Cinergy marketing & Trading, L.P.
Cinergy Origination & Trade, LLC	Delaware	10/16/2001	The company may carry on any lawful business purpose or activity.
Cinergy Power Generation Services, LLC	Delaware	11/22/2000	Provides generation services, such as operation and maintenance services, to owners of electric generating facilities.
Cinergy Receivables Company LLC	Delaware	1/10/2002	Intended to and shall operate and function as a Qualified Special Purpose Entity ("QSPE") as that term is defined in the Statement of Financial Accounting Standards No. 140 ("FASB 140"). For detailed purpose, please refer to Section 7 of the A&R LLC Agreement dated 3.31.2002.
			Cincrgy Receivables Company LLC was formed for the purpose of purchasing the accounts receivables and related rights of Duke Energy Indiana, Inc., Duke Energy Kentucky, Inc., and Duke Energy Ohio, Inc., and then securitizing such receivables through a loan agreement with certain commercial banks.
Cinergy Retail Power General, Inc.	Texas	8/7/2001	Formed to serve as the general partner of Cinergy Retail Power, L.P.
Cinergy Solutions - Utility, [*] Inc.	. Delaware	9/27/2004	To provide engineering, construction, operation and maintenance services with respect to electric and natural gas systems and infrastructure.
Cinergy Solutions Partners, LLC	Delaware	9/12/2000	The Company may carry on any lawful business purpose or activity.
Cinergy Technology, Inc.	Indiana	12/12/1991	Manages Cinergy's existing non-regulated, technology-related investments, assess the market potential for non-regulated product and service development opportunities, and form key alliances for non-regulated product development.
Cinergy Wholesale Energy, Inc.	Ohio	11/27/2000	Cincrgy Wholesale Energy, Inc. is a holding company for non-utility energy services businesses.
Cinergy-Centrus Communications, Inc.	Delaware	8661/17/1	Inactive and being held open for tax purposes.
Cinergy-Centrus, Inc.	Delaware	4/23/1998	Inactive and is being held open for tax purposes.
CinFuel Resources, Inc.	Delaware	1/10/2002	Holding company that owns, through direct or indirect investment, and/or operates, projects capable of producing synthetic fuel, such as LH1, LLC.
CinPower I, LLC	Delaware	6/12/1998	A company that optimizes the economic benefits in connection with the restructured wholesale power purchase agreement involving certain non-affiliates.

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Is the general partner of Clean Energy Partners Limited Partnership, a limited partnership which was formed to develop, own and operate a coal gasification electric power facility. Own and operate a uranium enrichment facility.	Guatemalan company used as a trading and marketing vehicle. It was originally formed to buy excess electricity from El Salvador and sell it in the open market. It also buys power from DEl Guatemala y Cia SCA (Planta Arizona and Planta Las Palmas) under a PPA with that entity.	Conterra is a facilities-based, FCC common carrier that provides high quality, high capacity backthaul and wide area network services for mobile carriers, school districts and government entities throughout the country.	Canadian entity holding 50% ownership interests in Compania de Servicios de Compresion de Campeche S.A. de C.V. Since the transfer of the Campeche platform to Pernex in August 2007, this company is now dormant and on hold for liquidation.	Company created to act as the sole general partner of CSGP Services, L.P.	Company created to act as the sole limited partner of CSGP Services L.P.	To transact any and all lawful business for which limited liability companies may be organized under the Texas Limited Liability Company Act.	Purpose is to be the project company that will partially own and manage a long-term co-generation project located in Texas.	The company may carry on any lawful business, purpose or activity.	Cayman partnership 50% owned by Texas Eastern Arabian Ltd. (Duke entity) and 50% owned by sub of Duke's partner, Celanese Corporation. CTE is the holding company for 50% interest in National Methanol Company, a methanol project in Saudi Arabia and JV with SABIC.	CURRENT provides electric utilities a Smart Grid solution that increases the efficiency and reliability of the electric grid while reducing the environmental impact of electric usage.	Holding company for previous D/FD companies	Formed to be the contracting entity for the DI Project (and possibly other projects) in Brazil.	Operation of electric generating plant	Holding Company/General Partner.	Nuclear Engineering Services	Power generation and sale in Brazil.	Acquiring, holding and funding 50% ownership interest in Adage, LLC.
3/1/1990	9/22/2000	7/28/2006	5/17/2002	4/5/2001	4/5/2001	5/22/2001	5/23/2001	5/18/2001	1/27/1981	10/24/2000	12/15/2005		3/7/1996	12/18/2009	3/17/1969	12/22/2003	9/22/2008
Louisiana	Guatemala	North Carolina	Canada (British Columbia)	Texas	Delaware	Texas	Delaware	Delaware	Cayman Islands	Delaware	Delaware	Brazil	Delaware	British Columbia	North Carolina	Brazil	Delaware
Claiborne Energy Services, Inc.	Comercializadora Duke Energy de Centro America, Limitada	Conterra Ultra Broadband Holdings, Inc.	CSCC Holdings Limited Partnership	CSGP General, LLC	CSGP Limited, LLC	CST General, LLC	CST Green Power, L.P.	CST Limited, LLC	CTE Petrochemicals Company	CURRENT Group, LLC	D/FD Holdings, LLC	D/FD International Services Brasil Ltda.	D/FD Operating Services LLC	DE Marketing Canada Ltd.	DE Nuclear Engineering, Inc.	DEB - Pequenas Centrais Hidrelétricas Ltda.	DEGS Biomass, LLC

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To serve as a holding company for multiple solar projects.	To operate and maintain several facilities owned by subsidiaries of KGen, LLC.	Develops, constructs, finances, operates and maintains certain thermal energy facilities located in Boca Raton, Florida and sells associated thermal and other, energy-related products and services.	Owns and operates a district cooling business in downtown Cincinnati, Ohio.	To perform the construction and operating services for GM for the Delta Township assembly facilities.	Cinergy Solutions Operating Services of Lansing, LLC performs oversight, management, operation and maintenance of energy/utility service facilities at a General Motors vehicle assembly plant in Lansing, Michigan.	To operate, maintain and manage Horsehead Industries, Inc. dba Zinc Corporation of America's G. F. Weaton Station located in Monaca, PA.	Formed for the purpose of operating, maintaining and managing the existing utility system at the Celanese acetate manufacturing facility located in Narrows, Virginia.	Provides various utility services and distribution system O&M to the Philadelphia Navy Yard, which is now the location of an industrial park that contains several commercial businesses and is managed by the Philadelphia Industrial Development Corp.	Purpose is to supervise the construction of, operate and maintain, an energy facility at Children's Hospital and Health Center in San Diego, California.	Cinergy Solutions Operating Services of Shreveport, LLC performs oversight, management, operation and maintenance of energy/utility service facilities at a General Motors vehicle assembly plant in Shreveport, Louisiana.	To design, build, own, operate, and maintain certain steam generating equipment and ancillary water treatment equipment to be located at the UCC Technical Center in South Charleston, West Virginia.	Operate, maintain and manage the existing utility system and to design, develop, construct and own system improvements at Proctor & Gamble's chemical manufacturing facility located in St. Bernard, Ohio.	Own St. Paul Cogeneration LLC.	Oversees the operations and staffing of a qualifying facility (QF) located in Tuscola, Illinois.	To serve as a holding company to hold all solar projects of Duke Energy Generation Services, Inc., other than those in North Carolina.
2/25/2010	8/30/2004	9/4/1998	1/29/1997	12/15/2004	6/25/2002	12/16/2003	3/17/2003	5/11/2001	1/9/2004	6/28/2002	8/24/2004	1/6/2003	8/13/1998	10/13/1998	5/13/2010
Delaware	Delaware	Delaware	Ohio	Delaware	Delaware	Delaware	Delaware	Delaware	Delaware	Delaware	Delaware	Delaware	Delaware	Delaware	Delaware
DEGS NC Solar	DEGS O&M, LLC	DEGS of Boca Raton, LLC	DEGS of Cincinnati, LLC	DEGS of Delta Township, LLC	DEGS of Lansing, LLC	DEGS of Monaca, LLC	DEGS of Narrows, LLC	DEGS of Philadelphia, LLC	DEGS of San Diego, Inc.	DEGS of Shreveport, LLC	DEGS of South Charleston, LLC	DEGS of St. Bemard, LLC	DEGS of St. Paul, LLC	DEGS of Tuscola, Inc.	DEGS Solar, LLC

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DEGS Wind I, LLC	Delaware	5/23/2007	Holding Company for project companies which will develop wind assets.
DEGS Wind Supply II, LLC	Delaware	8/26/2008	To procure wind turbine generators from General Electric for projects under development by DEGS Wind I, LLC and its affiliates.
DEGS Wind Supply, LLC	Delaware	12/11/2007	The purpose of the company is to engage in any activity for which limited liability companies may be organized in the State of Delaware.
Delta Township Utilities II, LLC	Delaware	3/25/2004	Formed to provide new assets to service General Moiors' new assembly plant located in Delta Township, Michigan, including the design, construction, ownership, operations and maintenance of such new assets.
Delta Township Utilities, LLC	Delaware	7/5/2001	Constructs, owns, operates and maintains energy-related facilities for a General Motors metal stamping facility located in Michigan.
DENA Partners Holding, LLC	Delaware	11/30/2001	Payroll company
DETMI Management, Inc.	Colorado	6/21/1994	Holding company.
Diamond Acquisition Corporation	North Carolina	1/6/2011	This entity was formed to serve as the Merger Sub of Duke Energy Corporation for the Duke Energy Corporation/Progress Energy. Inc. Merger
Dixilyn-Field (Nigeria) Limited	Nigeria	11/14/1977	Inactive, but still on the books
Dixilyn-Field Drilling Company	Delaware	1/31/1977	Inactive, but still on the books
Dixilyn-Field International Drilling Company, S.A.	Panama	6/10/1970	Inactive, but still on the books
DTMSI Management Ltd.	British Columbia	9/17/2009	Holding Company
Duke Broadband, LLC	Delaware	9/22/2003	The purpose of the Company is to engage in any activity for which limited liability companies may be organized in the State of Delaware.
Duke Capital Partners, LLC	Delaware	3/14/2000	To provide lending, investment banking and asset management services to the wholesale and commercial energy market.
Duke Communications Holdings, Inc.	Delaware	9/20/1996	Provides telecommunications services, information services, selling or leasing of long-haul optic fiber capacity and energy management services.
Duke Energy Americas, LLC	Delaware	7/2/2004	Holding Company
Duke Energy Business Services LLC	Delaware	11/18/1998	Management Services
Duke Energy Carolinas Plant Operations, LLC	Delaware	5/29/2001	Performs the operations and maintenance and provides other plant services for power generation and energy facilities.
Duke Energy Carolinas, LLC	North Carolina	11/27/1963	The production, transmission, distribution, and safe of electricity in North and South Carolina

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Argentina 5/31/1993 Argentine entity which serves as the operator of both generation facilities in Argentina: Alto Valle and Planicia Banderita.	8/13/1976	Ohio 12/5/2000 Formed to hold the assets of divested or other non-regulated power plants.	Indiana 10/8/1992 Duke Energy Commercial Enterprises, Inc. (b/k/a Cinergy Capital & Trading, Inc.) is engaged in the business of marketing energy commodities at wholesale.	6/26/2008	Delaware 5/3/2005 Holding Company.	Australia 6/1/1998 Australian company slated for dissolution.	Peru 12/31/1996 Peruvian joint stock company which owns 2 central hydroelectric plants: 263 MW Canon del Pato and 95 MW Cathuaquero. Also owns 6 thermoelectric plants in the north of Peru: 43 MW in Piura; 63 MW in Chimbote; 21 MW in Trujillo; 24 MW in Chiclayo; 9 MW in Paita; and 10 MW in Sullana.	Delaware 12/5/1997 Delaware general partnership holding 99.75% in Duke Energy International del Ecuador Cia. Ltda. in connection with the Electroguil facility in Guayaquil, Ecuador.	Ohio 3/28/1997 Markets various utility-related engineering services.	Delaware 10/14/2010	Delaware 8/1/2001 Performs operation and maintenance and other plant services for power generation and energy facilities.	Delaware 7/6/2001 To provide operation and maintenance services to fossil-fired and hydro-powered electric generation facilities.	Argentina 3/11/1992 Argentine holding company for Duke's 90.87% interest in Duke Energy Cerros S.A., an Argentine company which serves as the operator for both facilities in Argentina: Alto Valle and Palanteia Banderita.	Delaware 2/11/1997 Markets an array of energy-related products and services and develops, acquires, owns and operates certain energy-related projects.	Delaware 6/2/2000 Develops, acquires, owns and operates certain energy-related businesses, formerly conducted by Cinergy Solutions Holding Company, inc.	4/29/2005
Argentina	Delaware	Ohio	Indiana	Delaware	Delaware	Australia	Peru	Delaware	Ohio	Delaware	Delaware	Delaware	Argentina	Delaware	Delaware	Delaware
Duke Energy Cerros Colorados, S.A.	Duke Energy China Corp.	Duke Energy Commercial Asset Management, Inc.	Duke Energy Commercial Enterprises, Inc.	Duke Energy Corporate Services, Inc.	Duke Energy Corporation	Duke Energy Development Pty Ltd	Duke Energy Egenor S. en C. por A.	Duke Energy Electroquil Partners	Duke Energy Engineering, Inc.	Duke Energy Fayette II, LLC	Duke Energy Fossil-Hydro California, Inc.	Duke Energy Fossil-Hydro, LLC	Duke Energy Generating S.A.	Duke Energy Generation Services Holding Company, Inc.	Duke Energy Generation Services, Inc.	Duke Energy Group

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Delaware limited liability company with interests in Duke's international companies involved with electric power projects and marketing of electric power.	<u>├</u>	The production, transmission, distribution, and sale of electricity in North Central, Central, and Southern Indiana.	The purpose of this entity is to engage in the sale of coal and other supplies to industrial companies.	Danish holding company slated for dissolution pending dissolutions of its UK subsidiaries.	UK company in process of voluntary dissolution.	Cayman entity slated for dissolution.	Bermuda entity slated for dissolution.	Bermuda holding company slated for dissolution pending liquidation of its subsidiaries.	Brazilian entity which holds 99.99% in Duke Trading do Brasil Ltda.	Delaware entity which holds the minority interest in Duke Energy International Brasil Ltda.	Bermuda holding company for Duke Energy International's assets in Brazil.	Project company for potential Chilean project.	Holding company for potential Chilean project.	Holding company for potential Chile project.	Salvadorean entity used for energy trading and marketing throughout the Central American region; import, export and domestic electric energy transactions.	Ecuadorean company which owns 82.7482% in Electroquil SA, an electric power generation company located in Guayaquil, Ecuador.
12/22/1987	10/14/2010	9/6/1941	6/6/2006	8/11/2000	6/24/1999	7/27/1999	2/3/1999	8/24/2001	5/29/2002	5/10/2001	10/22/2001	6/12/2009	6/3/2009	6/3/2009	12/12/2002	12/15/1997
Delaware	Delaware	Indiana	Delaware	Denmark	United Kingdom	Cayman Islands	Bermuda	Bermuda	Brazil	Delaware	Bermuda	Chile	Netherlands	Netherlands	El Salvador	Ecuador
Duke Energy Group, LLC	Duke Energy Hanging Rock 11, LLC	Duke Energy Indiana, Inc.	Duke Energy Industrial Sales, LLC	Duke Energy International (Europe) Holdings ApS	Duke Energy International (Europe) Limited	Duke Energy International Argentina Holdings	Duke Energy International Argentina Marketing/Trading (Bernuda) Ltd.	Duke Energy International Asia Pacific Ltd.	Duke Energy International Brasil Commercial, Ltda.	Duke Energy International Brasil Holdings, LLC	Duke Energy International Brazil Holdings Ltd.	Duke Energy International Chile C.P.A.	Duke Energy International Chile Holding I B.V.	Duke Energy International Chile Holding II B.V.	Duke Energy International Comercializadora de El Salvador, S.A. de C.V.	Duke Energy International del Ecuador Cia. Ltda.

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lvador.	Salvador		ternational del Ecuador	ıd Ecuador.	Duke Energy International.	ests in Latin America.	alan entities which y, natural gas, and hydro			inergy International ial Transmision Guatemala	rgy International Guatemala which is lant.		rgy International	tergy Generating S.A. and
Bermuda holding entity for Duke Energy International's assets in El Salvador.	Salvadorean holding entity for Duke Energy International's assets in El Salvador	Salvadorean operating company - a thermal electric generation plant.	Delaware holding entity which owns 0.25% interest in Duke Energy International del Ecuador Cia, Ltda.	Spanish holding entity which holds ownership interests in Argentina and Ecuador.	Dutch holding company used for various financial transactions within Duke Energy International.	Bermuda holding company for all of Duke Energy International's interests in Latin America.	Bermuda holding company which holds ownership interest in Guatemalan entities which generate, sell, supply, transmit, trade in, purchase and market electricity, natural gas, and hydro carbon products.	Bermuda holding entity slated for dissolution.	Cayman Island holding entity slated for dissolution.	Guatemalan limited liability entity which holds 99% interest in Duke Energy International Operaciones Guatemala Limitada and 99% of Duke Energy International Transmision Guatemala Limitada. Slated for dissolution.	Guatemalan joint stock entity which owns and operates with Duke Energy International Transmision Guatemala Ltda an 235 MW electric generation facility in Guatemala which is comprised of the 150 MW Arizona plant and the 85 MW Las Palmas plant.	Holding company	Dutch holding company used for various transactions within Duke Energy International	Bermuda holding company which holds a minority interest in Duke Energy Generating S.A. and Duke Energy International Southern Cone SRL.
2/24/1999 B	6(25/1999 S	7/3/1998 Si	5/10/2001 D	10/22/2003 S	5/14/2009 D	11/30/2007 B	3/15/1999 B	3/15/1999 B	5/20/1997 C	8/21/2001 G	7/23/1998 G	11/30/2007 H	5/20/2009 D	8/4/1999 B D
Bermuda	El Salvador	El Salvador	Delaware	Spain	Netherlands	Bermuda	Bermuda	Bermuda	Cayman Islands	Guatemala	Guatemala	Bermuda	Netherlands	Bermuda
Duke Energy International El Salvador Investments No. 1 Ltd	Duke Energy International El Salvador Investments No. 1 y Cia. S. en . De C.V.	Duke Energy International El Salvador, S en C de CV	Duke Energy International Electroquil Holdings, LLC	Duke Energy International Espana Holdings, S.L.U.	Duke Energy International Group Coorperatie U.A.	Duke Energy International Group, Ltd.	Duke Energy International Guatemala Holdings No. 1, Ltd.	Duke Energy International Guatemala Holdings No. 2, Ltd.	Duke Energy International Guatemala Holdings No. 3	Duke Energy International Guatemala Limitada	Duke Energy International Guatemala y Compania Sociedad en Comandita por Acciones	Duke Energy International Holding, Ltd.	Duke Energy International Holdings B.V.	Duke Energy International Investments No. 2 Ltd.

Page 24 of 55	rgy International Bermuda Bermuda holding company for all of Duke Energy International's interests in Latin America.	rgy International Mexico 6/2/2009 Mexican holding company used for various transaction within Duke Energy International. Lode C.V.	rgy International Mexico 9/2/1996 Mexican company which previously managed the Campeche platform in Mexico. Since the 3.A. de C.V. transfer of the Campeche platform to Pemex in August 2007, this company is now dormant.	rgy International Netherlands 4/20/2000 Dutch entity used for various financial transactions within DEI. ds Financial 3.V.	rgy International Guatemala 10/3/2001 Guatemalan entity which owns the land that Planta Arizona is located on. nes Guatemala	rgy International Peru 5/16/1996 Peruvian entity in process of dissolution.	rgy International Bermuda 8/9/1999 Bermuda holding entity for the Peruvian companies.	rgy International Bermuda 2/24/1999 Bermuda entity slated for dissolution.	rgy International Argentina 2/8/1999 Argentine limited liability entity set up for trade & marketing. Cone SRL	rgy International United Kingdom 1/6/2000 Business Activity 4010 - As of October 25, 2006, Company is in process of voluntary dissolution. Ind Marketing	rgy International Guatemala 10/1/2001 Guatemalan entity that owns and operates a 230 kv electric transmission line facility in On Guatemala	rgy International Delaware 11/6/2003 Delaware holding entity which holds a minority ownership interest in Duke Energy International Holdings, LLC	rgy International Uruguay Uruguayan limited liability holding entity for Duke's assets in Argentina and Ecuador. Investments,	rgy International, Brazil 2/4/1998 Brazilian company set up for the participation at bidding procedures and/or auctions for the target of ownership interests in electricity companies in Brazil.	rgy International, Brazil 2/4/1999 Brazilian entity which owns and operates 8 hydroelectric generating facilities in the Paranapanema
	Duke Energy International Latin America, Ltd.	Duke Energy International Mexico Holding Company I.S. de R.L. de C.V.	Duke Energy International Mexico, S.A. de C.V.	Duke Energy International Netherlands Financial Services B.V.	Duke Energy International Operaciones Guatemala Limitada	Duke Energy International Peru Inversiones No. 1, S.R.L.	Duke Energy International Peru Investments No. 1, Ltd.	Duke Energy International PJP Holdings, Ltd.	Duke Energy International Southern Cone SRL	Duke Energy International Trading and Marketing (UK) Limited	Duke Energy International Transmision Guatemala Limitada	Duke Energy International Uruguay Holdings, LLC	Duke Energy International Uruguay Investments, S.R.L.	Duke Energy International, Brasil Ltda.	Duke Energy International,

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Duke Energy International, LLC	Delaware	6/18/1697	9/18/1997 Delaware parent/holding company for all of the DEI subsidiaries.
Duke Energy Kentucky, Inc.	Kentucky	3/20/1901	The transmission, distribution, and sale of electricity energy and the sale and transportation of natural gas in northern Kentucky.
Duke Energy Lee II, LLC	Delaware	10/14/2010	
Duke Energy Marketing America, LLC	Delaware	1/3/2001	Energy marketing and energy management for unregulated merchant energy facilities of Duke Energy North America, LLC.
Duke Energy Marketing Corp.	Nevada	11/7/1994	Was formed to engage in the marketing of electric power.
Duke Energy Marketing Limited Partnership	Canada (Alberta)	8/1/1996	Engage in the business of purchasing, selling and marketing natural gas, electric power and other energy products and services in Canada.
Duke Energy Merchants, LLC	Delaware	4/23/1999	Provides financial, risk management and asset management services to producers, transporters and users of global energy commodities and derivative products such as crude oil, refined products, LPGs, residual fuels, coal, and fertilizer.
Duke Energy Moapa, LLC	Delaware	4/11/2000	Transact any and all lawful business for which limited liability companies may be organized under the act.
Duke Energy Murray Operating, LLC	Delaware	8/7/2001	To own and operate merchant power plant.
Duke Energy North America, LLC	Delaware	9/18/1997	Development, ownership, and operation of energy facilities.
Duke Energy Ohio, Inc.	Ohio	04/03/1837	Engaged in the production, transmission, distribution and sale of electricity and the sale and transportation of natural gas in the southwestern portion of Ohio.
Duke Energy One, Inc.	Delaware	9/5/2000	Entity has two different businesses - one for residential customers and one for commercial/industrial customers. On the residential side, Michael Goldenberg directs DE One's strikestop and underground protection offerings. Strikestop is a whole-house surge protector that DE One sells to residential customers. Underground protection is an offering under which DE One repairs underground customer-owned electric.
			On the commercial/industrial side, Bruce Modlin directs DE One's customer-owned substation construction and maintenance activities. Evidently, there are large customers with their own transformers/substations. DE One builds these and repairs/maintains these.
Duke Energy Peru Holdings S.R.L.	Peru	6/9/2000	Peruvian limited liability holding company.
Duke Energy Receivables Finance Company, LLC	Delaware	7/16/2003	Receivables finance company
Duke Energy Registration Services, Inc.	Delaware	11/18/1998	Manages the brand protection of Duke energy Corporation.

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12/9/2003 To provide retail gas and electric services.	impany	Purchasing, selling and marketing natural gas, electric power and other energy products	:ompany.	Market natural gas, electricity and other energy related commodities. Member companies are DETMI Management, Inc., 60% and Mobil Natural Gas, Inc., 40%.	Holding company for transmission joint venture.			Subsidiary of DE&S, is engaged in engineering and related services in Europe.	Investment company. Partner in a joint venture in Argentina.	The Company may carry on any lawful business, purpose or activity.	Engaged in engineering activities for coal projects.	The Company may carry on any lawful business, purpose or activity.	A holding company for various Cinergy investments and initiatives.	Brazilian entity used to purchase and sell electric power.	The Company may carry on any lawful business, purpose or activity	Holder/owner of real property currently owned by Duke Ventures, LLC	mpany	Engineering activities to coal fired plants.	Execution of an engineering, procurement and construction services agreement between the partnership and AES Puerto Rico, L.P.	Per Skip Weiss: Entity apparently set up as a contracting entity for El Salvador, but is apparently dormant.	Provides engineering, construction and operation services inside the U.S. to coal fired electric plants outside the U.S.
12/9/2003 To provide	3/13/2002 Holding Company	9/17/2009 Purchasing	6/8/1959 a holding company.	7/10/1996 Market nat Member co	7/16/2008 Holding co	10/14/2010	10/14/2010	10/13/1993 Subsidiary	5/8/1996 Investment	7/25/2000 The Comp	7/1/1966 Engaged in	8/10/2000 The Comp	7/26/2000 A holding	1/17/2000 Brazilian c	9/1/2000 The Comp:	6/9/20090 Holder/ow	12/19/2000 Holding company	9/1/1997 Engineerin	12/6/1996 Execution	Per Skip W dormant.	9/1/1994 Provides en
Delaware	Delaware	British Columbia	Delaware	Delaware	Delaware	Delaware	Delaware	Delaware	Cayman Islands	Delaware	North Carolina	Delaware	Delaware	Brazil	Delaware	Delaware	Nevada	North Carolina	Puerto Rico	El Salvador	Nevada
Duke Energy Retail Sales, LLC	Duke Energy Royal, LLC	Duke Energy Services Canada ULC	Duke Energy Services, Inc.	Duke Energy Trading and Marketing, L.L.C.	Duke Energy Transmission Holding Company, LLC	Duke Energy Vermillion II, LLC	Duke Energy Washington - II, LLC	Duke Engineering & Services (Europe) Inc.	Duke Engineering & Services International, Inc.	Duke Investments, LLC	Duke Project Services, Inc.	Duke Supply Network, LLC	Duke Technologies, Inc.	Duke Trading Do Brasil Ltda.	Duke Ventures II, LLC	Duke Ventures Real Estate LLC	Duke Ventures, LLC	Duke/Fluor Daniel	Duke/Fluor Daniel Caribbean, S.E.	Duke/Fluor Daniel El Salvador S.A. de C.V.	Duke/Fluor Daniel International

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Coal Fired Generating Plant Services	Execution of an engineering, procurement and construction services agreement between Duke/Fluor Daniel International Services (partnership) and InCOGEN Limited.	A limited liability company formed to engage in the marketing of power. It sells both natural gas and electricity throughout the US.		To engage in the construction, operation, development or ownership of cogeneration facilities or power production facilities. To enter into joint ventures and partnership agreements.	Holding Company	Telecommunication Services	Holding Company	Wholesale provider of fiber-optic services	Hold's Cinergy's investment in Reliant Services, LLC.	The Company may carry on any lawful business, purpose or activity.	To invest in energy/power generation and telecommunications technology opportunities.	Invests in project management software with utility industry applications.	Dormant entity	Dormant. Oil and gas field services	Entity created for purposes of holding the land for Eastover Mining.	Mining company (NOT a payroll entity)	Ecuadorean entity which owns and operates 4 diesel-fired turbines of 180 MW near Guayaquil, Ecuador.	Leases, sells or finances energy-related equipment.	Engineering & Management Services. Currently Inactive.
9/1/1994	12/3/1998	3/1/1995	4/11/2011	12/27/1989	5/18/2010	5/18/2010	5/18/2010	12/12/1997	1/14/1998	11/16/2000	12/23/2003	11/16/2000	\$/21/1979	10/14/1981	6/30/1970	7/15/1970	2/6/1992	11/12/1998	4/28/1975
Nevada	Trinidad and Tobago	Nevada	Delaware	Indiana	Delaware	Delaware	Delaware	North Carolina	Delaware	Delaware	Delaware	Delaware	Brazil	Argentina	Kentucky	Kentucky	Guayaquil, Ecuador	Delaware	Delaware
Duke/Fluor Daniel International Services	Duke/Fluor Daniet International Services (Trinidad) Ltd.	Duke/Louis Dreyfus L.L.C.	Duke-American Transmission Company, LLC	Duke-Cadence, Inc.	DukeNet Communications, LLC	DukeNet Communications, LLC	DukeNet VentureCo, Inc.	DukeNet/TCG LLC	Duke-Reilant Resources, Inc.	DukeTec I, LLC	DukeTeo II, LLC	DukeTec, LLC	Eastman Whipstock do Brasil Ltda.	Eastman Whipstock, S.A.	Eastover Land Company	Eastover Mining Company	Electroquil, S.A.	Energy Equipment Leasing LLC	Energy Pipelines International Company

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Environmental Wood Supply, LLC	Minnesota	8/10/2000	Handles all fuel and fuel procurement-related costs for St. Paul Cogeneration LLC.
Equinox Vermont Corporation	Vermont	5/1/1990	Non-regulated ownership of biomass and cogeneration facilities in Vermont and Maine
Etenorte S.R.L.	Peru	11/1/2006	Peruvian entity engaged in activities related to electricity transmission.
Eteselva S. R. L.	Peru		Peruvian liftited liability company, and subsidiary of Aguaytia Energy, LLC which owns and operates transmission lines from Aguaytia, Peru to Paramanga, Peru and transmits electricity to customers in Peru.
eVent Resources Holdings LLC	Delaware	12/13/2000	Holds an equity interest in Triple Point Technology, Inc., a Connecticut-based technology company that develops and markets a suite of risk scenarios and effectively trades and manages transactions. This company also potentially conducts other authorized transactions consistent with ETC status.
eVent Resources I LLC	Delaware	11/17/2000	Acquires, owns, holds, controls, manages, finance, builds, operates and liquidates a network of companies engaged primarily in businesses that take advantage of investment opportunities arising from the deregulation of the electric utility industry, including investments in power generation, new energy technology and telecommunications, whether through 100% ownership or a smaller percentage ownership.
Gas Integral S.R.L.	Peru	1/8/2004	Peruvian limited liability which gathers gas in connection with the Aguaytia asset.
Generadora del Pacifico, Limitada	Guatemala	4/9/2008	Guatemalan limited liability entity slated for dissolution.
Generadora La Laguna Duke Energy International Guatemata y Cia., S.C.A.	Guatemala	6/10/2004	Guatemalan joint stock company which owns 60 MW electric generation facility in Guatemala.
Green Frontier Windpower Holdings, LLC	Delaware	2/22/2010	Holding company formed for the purpose of financing a portfolio of wind energy project companies.
Green Frontier Windpower , LLC	Delaware	5/13/2010	To serve as a holding company to hold certain wind power project companies that would be financed by Duke on a portfolio basis.
Greenville Gas and Electric Light and Power Company	South Carolina	01/28/1861	This corporation shall have for its object the manufacture of gas, and the generating of electricity to be sold for lighting, heating, and all other purposes for which gas and electricity or either of them may be used. The corporation also preserves property rights.
Happy Jack Windpower, LLC	Delaware	10/27/2006	Owner of all the assets that comprise the 29.4 MW Happy Jack Windpower Project being developed in Cheyenne, Wyoming.
IGC Aguaytia Partners, LLC	Cayman Islands	2/8/2002	Cayman company with ownership interests in the Aguaytia project in Peru.
INDU Solar Holdings, LLC	Delaware	10/14/2010	To serve as a holding company for project companies related to the Commercial Rooftop Solar Program. To acquire, invest in, develop, improve, own, operate, finance, maintain, sell, lease, or otherwise dispose of, Project LLCs or, if not owned by a Project LLC, Energy Assets in

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			accordance with Applicable Law and, to the extent applicable, the Master Development Agreement.
Inver Energy Holdings I	Cayman Islands	12/22/2008	Cayman Holding company establish for the San Cristobal Project in Guatemala.
Inver Energy Holdings II	Cayman Islands	12/22/2008	Cayman Holding company establish for the San Cristobal Project in Guatemala.
Inver-Energy y Cia. SCA	Guatemala	2/12/2007	Guatemalan operating company establish for the San Cristobal Project in Guatemala.
IPS-Cinergy Power Limited	Kenya	4/28/1999	Holds a joint venture in Tsavo Power Company in Kenya.
Ironwood Windpower Holdings, LLC	Delaware	12/1/2010	Serve as a holding company for the project company that will hold the assets of the Ironwood Windpower project.
Ironwood Windpower, LLC	Delaware	12/8/2010	Project Company that will hold the assets of the Ironwood Windpower project.
Kit Carson Windpower, LLC	Delaware	6/23/2009	To develop, construct, own and operate a 51 MW wind farm facility located in Kit Carson County, Colorado, near Burlington.
KO Transmission Company	Kentucky	4/11/1994	Engaged in the transportation of natural gas in interstate commerce between Kentucky and Ohio.
Laurel Hill Wind Energy, LLC	Pennsylvania	12/14/2004	Limited Liability Company that owns and is developing and operating a wind powered electricity generation facility in Pennsylvania.
LHI, LLC	Delaware	1/10/2002	Formed for the purpose of being the project company that will own a facility capable of producing synthetic fuel, qualifying for tax credits under IRS 29(c). The Company will produce synthetic fuel from coal by applying a latex or asphalt binder in order to induce a chemical change, with such change being a requirement for tax credit eligibility. The facility is located at a Mirant generating station in Newburg, Maryland.
Los Vientos Windpower I Holdings, LLC	Delaware	1/27/2011	Serve as a holding company for the project company that will hold Phase I of the Los Vientos Windpower project.
Los Vientos Windpower I, LLC	Delawarc	1/27/2011	Special purpose entity to hold Phase I of the Los Vientos Windpower project
Louisiana Energy Services, LLC	Delaware	4/9/1990	A limited partnership formed to design, license, construct, own and operate a centrifuge uranium enrichment plant to be located in the U.S., and sell and provide enrichment services and products on a profitable basis therefrom.
Martins Creek Solar NC, LLC	North Carolina	4/8/2010	Project company developing a 998 kilowatt (DC) solar photovoltaic ("PV") electric generation facility located in Murphy Township, Cherokee County, North Carolina
MCP, LLC	South Carolina	8/18/2000	Owner of record of the land on which the Mill Creek Combustion Turbine Station sits in Cherokee County, South Carolina.

Page 30 of 55	Owns an electric transmission line in Indiana.	Owns and is developing and constructing a 998 kilowatt (DC) solar PV electric generation facility located on a site in Culberson, NC.	A joint venture with SABIC for the operation of a methanol production plant in Saudi Arabia. 50% held by SABIC and 50% held by CTE Petrochemicals Company (Duke's partnership with Celanese).	Single purpose entity which owns and operates a 70 MW wind generating facility in Blair and Cambria Counties, Pennsylvania		Owner of all the assets that comprise that Notrees Windpower Project being developed in Ector and Winkler Counties, Texas.	NuStart Energy is a limited liability corporation comprised of ten power companies, created in 2004 for the dual purposes of: 1) obtaining a Construction and Operating License (COL) from the Nuclear Regulatory Commission (NRC), using the never before used, streamlined licensing process developed in 1992 and 2) completing the design engineering for the selected reactor technologies.	Project company that owns a facility capable of producing synthetic fuel. from coal by applying a latex or asphalt binder in order to induce a chemical change.	Owner of all the assets that comprise the 58.8 MW Ocotilio Windpower Project being developed near Big Spring, Texas.	Engaged in the business of marketing propane in the United States and owning and operating a propane storage cavern.	Formed for the purpose of providing the large electric power requirement projected for a major DOE uranium enrichment complex. OVEC has in turn a subsidiary called Indiana Kentucky Electric Corporation which provides similar services.	Owns an electric generating facility and sells electricity to a government facility that makes weapons. It also provides the large electric power requirement for a major Department of Energy uranium enrichment complex.	Constructs, owns, operates and maintains energy-related facilities located at a General Motor vehicle assembly plant in Oklahoma City. Oklahoma.	
	3/25/1930	1/27/2010	5/23/1981	5/31/2006	12/2/2002	9/30/2005	4/19/2004	7/9/2001	12/22/2004	10/18/2001	10/1/1952		12/5/2000	10/20/1999
	Indiana	North Carolina	Saudi Arabia	Delaware	Bermuda	Delaware	Deiaware	Delaware	Delaware	Delaware	Ohio		Delaware	Delaware
	Miami Power Corporation	Murphy Farm Power, LLC	National Methanol Company (IBN SINA)	North Allegheny Wind, LLC	NorthSouth Insurance Company Limited	Notrees Windpower, LP	NuStart Energy Development, LLC	Oak Mountain Products, LLC	Ocotillo Windpower, LP	Ohio River Valley Propane, LLC	Ohio Valley Electric Corporation		Oklahoma Arcadian Utilities, LLC	Owings Mills Energy Equipment Leasing LLC

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Delaware limited liability company with ownership interest in the Aguaytia project in Peru.	Danish Holding company for potential projects in Central America.	Parent Company	Delaware holding company which holds 99% in Gas Integral SRL (Peru) with regard to the Aguaytia project in Peru.	Venture capital firm created to invest in high-technology and biotechnology (including clean energy) private start-up companies in the research triangle (Raleigh, Durham and Chapel Hill) of NC and the Southeast. Currently in bankruptcy proceedings.			Mexican holding company used for various transactionis within Duke Encrey International.		Project company that has been developing two solarphotovoltaic ("PV") electric generation projects (Stanton project) and (Jetport project) to be located on property owned by the Orlando Utilities Commission in Orlando. FL	Owns a biomass facility in Vermont	Assemblage of land for future generation project use	Has been dormant for many years. Dissolution under review.	Developing a windpower project in Nevada	Develop and own certain solar PV rooftop projects serving the Bellefonte SD in PA	Develop and own certain solar PV rooftop projects serving the Baid Eagle SD in PA	The purpose of the company is to develop, design and construct the improvements; to own, operate and maintain the Central Utilities Complex; to obtain financing for such activities; and to take all actions incident thereto (the "Purpose").	Holds a lease for some property in Laramic County, Wyoming.	Special purpose company devoted to developing, constructing, owning, operating and selling the electricity and associated renewable energy credits from its 1 megawatt (AC) solar electric generating facility in Shelby, NC (currently under construction).
11/17/1995	3/27/2008	1/26/1981	10/26/1995	10/3/1996	7/31/2008	6/2/2009		3/5/2010		4/30/1990	10/26/2007	3/30/1979	1/17/2008	3/4/2010	12/7/2009	10/16/2000	4/16/2007	11/7/2008
Delaware	Netherlands	Delaware	Delaware	North Carolina	Indiana	Mexico		Delaware		Utah	South Carolina	Brazil	Nevada	Delaware	Delaware	Delaware	Delaware	Delaware
P.I.D.C. Aguaytia, L.L.C.	Pacific Power Holdings No. 1, B.V.	PanEnergy Corp	Peru Energy Holdings, LLC	Piedmont Venture Partners Limited Partnership	Pioneer Transmission, LLC	Proyecto de	Autoabastecimiento La Silla, S. de R.L. de C.V.	RP - Oriando		Ryegate Associates	Sandy River Timber, LLC	Seahorse do Brasil Servicos Maritimos Ltda.	Searchlight Wind Energy LLC	SEC Beilefonte SD SolarOne, LLC	SEC BESD Solar One, LLC	Shreveport Red River Utilities, LLC	Silver Sage Windpower, LLC	Solar Star North Carolina J, LLC

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Solar Star North Carolina 11, LLC	Delaware	12/16/2009	Special purpose company devoted to developing, constructing, owning, operating and selling the electricity and associated renewable energy credits from its 5 one-megawatt (AC) solar photovolraic electric generating facilities in Murfreesboro, Hertford County, NC (currently under development).
South Construction Company, Inc.	Indiana	5/31/1934	Holds legal title to real estate and interests in real estate which are either not used and useful in the conduct of Duke Energy Indiana, Inc.'s business or which has some defect in title which is unacceptable to Duke Energy Indiana Inc.
Southern Power Company	North Carolina	12/30/1927	The purpose of this entity is to generate, transmit and distribute electric power and preserve property rights.
Spruce Mountain Investments, LLC	Delaware	11/8/2006	Holding company - Owns all the membership interests in Spruce Mountain Products, LLC, a coal- based synthetic fuel productivity facility.
Spruce Mountain Products, LLC	Delaware	10/27/2006	A coal-based synthetic fuel production facility.
St. Paul Cogeneration, LLC	Minnesota	12/18/1998	Develops, constructs, operates and maintains a qualifying facility (QF) in downtown St. Paul, Minnesota
SUEZ/VWNA/DEGS of Lansing, LLC	Delaware	11/3/1999	Develops, constructs and operates certain energy facilities located at a General Motors facility in Lansing, Michigan
SUEZ-DEGS of Ashtabula, LLC	Delaware	4/21/1999	Develops, constructs, operates and maintains a qualifying facility (QF) located in Ashtabula, Ohio and provides other energy-related products and services.
SUEZ-DEGS of Lansing, LLC	Delaware	11/3/1999	Provides management services for Trigen/Cinergy-USFOS of Lansing LLC.
SUEZ-DEGS of Orlando, LLC	Delaware	6/12/1998	Develops, constructs, operates and maintains a district cooling business in Orlando, Florida.
SUEZ-DEGS of Owings Mills, LLC	Delaware	6661/02/6	Develops, constructs, operates and maintains a cogeneration facility located at the Sweetheart Cup Corporation in Owings Mills, Maryland.
SUEZ-DEGS of Rochester, LLC	Delaware	10/20/1999	Provides energy-related services to Kodak Park in Rochester, New York.
SUEZ-DEGS of Silver Grove, LLC	Delaware	3/18/1999	Provides energy-related services to the Lafarge gypsum manufacturing plant in Silver Grove, Kentucky. These services include the design, installation and operation of a combined heat and power system.
SUEZ-DEGS of Tuscola, LLC	Delaware	8/21/1998	Develops, constructs, operates and maintains a qualifying facility (QF) in Tuscola, Illinois and provides other energy-related products and services.
SUEZ-DEGS, LLC	Delaware	2/18/1997	Engages in the preliminary development of cogeneration and/or thermal energy facilities. Specific projects are developed and held by special purpose affiliates.
Sugartree Timber, LLC	Delaware	7/24/2008	Hold land for future generation project use.
Sweetwater 4-5 Holdings LLC	Delaware	4/18/2007	Holding company that owns LLCs with interests in wind power assets in Texas
Sweetwater Development LLC	Texas	11/5/2002	Developing a windpower project in Texas

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Owns wind generation facility in Texas	Owns assets of windpower project being developed in Texas	Owns wind generation assets in Texas	Formed to commercialize new technologies for converting high-sulfur coal to low-sulfur coal.	To develop a 1 MW solar PV project in Alexander County, Taylorsville, North Carolina	Hold land for future project use	 Holding company.	Holding company.	Coal-based synthetic fuel production business.	Bermuda holding entity with indirect ownership interest in the Aguaytia project in Peru.	Peruvian limited liability company that owns and operates facility generating electricity in the Peruvian Amazon Basin.	Bermuda holding company with investments in international ventures.	Investments in Texas Eastern International Venturers, Ltd. and National Methanol Company	To receive, administer, and make donation of funds for educational, scientific, and charitable purposes.	Develop, construct, own and operate the Campbell Hill Windpower project near Casper, Wyoming	To act as the holding company of the project company that owns the Top of the World wind farm, and to pledge that ownership interest as security for a project financing arrangement upon the project.		Hold land for future project use				
6/24/2003	4/19/2004	4/29/2004	4/29/2004	4/29/2004	4/29/2004	11/5/2002	10/13/2000	4/29/2010	12/11/2006	9/30/2005	12/21/2004	5/1/2007	12/17/1996		11/24/1972	7/25/1974	6/5/1984	8/26/2008	11/15/2010	3/13/2008	12/11/2006
Delaware	Delaware	Delaware	Delaware	Delaware	Delaware	Texas	Delaware	Delaware	South Carolina	Delaware	Delaware	Delaware	Bermuda	Peru		Bermuda	North Carolina	Delaware	Delaware	Deleware	South Carolina
Sweetwater Wind I LLC	Sweetwater Wind 2 LLC	Sweetwater Wind 3 LLC	Sweetwater Wind 4 LLC	Sweetwater Wind 5 LLC	Sweetwater Wind 6 LLC	Sweetwater Wind Power L.L.C.	SYNCAP II, LLC	Taylorsville Solar, LLC	TBP Properties, LLC	TE Notrees, LLC	TE Ocotilio, LLC	Teak Mountain Products, LLC	TEC Aguaytia, Ltd.	Termoselva S. R. L.	Texas Eastern (Bermuda) Ltd.	Texas Eastern Arabian Ltd.	The Duke Energy Foundation	Three Buttes Windpower, LLC	Top of the World Wind Energy Holdings LLC	Top of the World Wind Energy LLC	TRES Timber, LLC

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Tri-State Improvement Company	Ohio	1/14/1964	Acquiring and holding property in Ohio, Kentucky, and Indiana for substations, electric and gas rights of way, office space, and other uses in connection with the utility business of Duke Energy Ohio, Inc. and its utility subsidiaries.
Tsavo Power Company Limited	Kenya	1/22/1998	Power plant at the Port of Mombasa, Kenya's main scaport. The facility sells power to Kenya Power and Lighting Corporation through a Purchased Power Agreement.
TX Solar I LLC	Delaware	5/27/2009	Special purpose company devoted to developing, constructing, owning, operating and selling the electricity and associated renewable energy credits from its 14 megawatt (AC) solar electric generating facility in San Antonio. TX (currently under construction)
Waterce Power Company	South Carolina	2/26/1909	The purpose of this entity is to generate, transmit and distribute electric power and preserve property rights.
Western Carolina Power Company	North Carolina	2/26/1909	The purpose of this entity is to generate, transmit and distribute electric power and preserve property rights.
Willow Creek Wind Energy LLC	Delaware	6/18/2007	Developing windpower project in Colorado
Willow Mountain Products, LLC	Delaware	5/1/2007	5/1/2007 Coal-based synthetic fuel production business.

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VI. A CODE OF CONDUCT POLICY THAT COMPLIES WITH O.A.C. 4901:1-37-04 AND THAT EMPLOYEES OF THE UTILITY AND AFFILIATES MUST FOLLOW.

Duke Energy Ohio Affiliate Code of Conduct

A. Introduction

This Affiliate Code of Conduct governs the actions of Duke Energy Ohio and its affiliates. It is intended to ensure that no competitive advantage flows from Duke Energy Ohio to an affiliate and vice versa. Compliance with this Code of Conduct shall be mandatory for all employees, consultants, and independent contractors of Duke Energy Ohio and its affiliates.

B. The Code of Conduct

- Duke Energy Ohio shall not release any proprietary customer information (e.g., individual customer load profiles or billing histories) to an affiliate, or otherwise, without the prior authorization of the customer, except as required by a regulatory agency or court of law.
- 2. Duke Energy Ohio shall make customer lists, which include name, address, and telephone number, available on a nondiscriminatory basis to all nonaffiliated and affiliated certified retail electric service providers transacting business in its service territory, unless otherwise directed by the customer. This paragraph does not apply to customer-specific information, obtained with proper authorization, necessary to fulfill the terms of a contract, or information relating to the provision of general and administrative support services. This information shall not be used by the certified retail electric service providers for any other purpose than the marketing of electric service to the customer.
- 3. Employees of Duke Energy Ohio's affiliates shall not have access to any information about Duke Energy Ohio's transmission or distribution systems (e.g., system operations,

capability, price, curtailments, and ancillary services) that is not contemporaneously available, readily accessible, and in the same form and manner available to nonaffiliated competitors providing retail electric service.

- 4. Duke Energy Ohio shall treat as confidential all information obtained from a competitive retail electric service provider, both affiliated and nonaffiliated, and shall not release such information unless a competitive retail electric service provider provides authorization to do so or unless the information was or thereafter becomes available to the public other than as a result of disclosure by the electric utility.
- 5. Duke Energy Ohio shall not tie (nor allow an affiliate to tie), as defined by state and federal antitrust laws, or otherwise condition the provision of Duke Energy Ohio's regulated services, discounts, rebates, fee waivers, or any other waivers of ordinary terms and conditions of service, including but not limited to tariff provisions, to the taking of any goods and/or services from Duke Energy Ohio's affiliates.
- 6. Duke Energy Ohio shall ensure effective competition in the provision of retail electric service by avoiding anticompetitive subsidies flowing from a noncompetitive retail electric service to a competitive retail electric service or to a product or service other than retail electric service, and vice versa.
- 7. Duke Energy Ohio, upon request from a customer, shall provide a complete list of all competitive retail electric service providers operating on the system, but shall not endorse any competitive retail electric service providers, indicate that an electric services company is an affiliate, or indicate that any competitive retail electric service provider will receive preference because of an affiliate relationship.

- 8. Duke Energy Ohio shall use reasonable efforts to ensure retail electric service consumers protection against unreasonable sales practices, market deficiencies, and market power and Duke Energy Ohio's compliance officer shall promptly report any such unreasonable sales practices, market deficiencies, and market power to the director of the utilities department (or a designee).
- 9. Employees of Duke Energy Ohio or persons representing Duke Energy Ohio shall not indicate a preference for an affiliated electric services company.
- 10. Duke Energy Ohio shall provide comparable access to products and services related to tariffed products and services and specifically comply with the following:
 - a) Duke Energy Ohio shall be prohibited from unduly discriminating in the offering of its products and/or services;
 - b) Duke Energy Ohio shall apply all tariff provisions in the same manner to the same or similarly situated entities, regardless of any affiliation or non-affiliation;
 - c) Duke Energy Ohio shall not, through a tariff provision, a contract, or otherwise, give its affiliates or customers of affiliates preferential treatment or advantages over nonaffiliated competitors of retail electric service or their customers in matters relating to any product and/or service;
 - d) Duke Energy Ohio shall strictly follow all tariff provisions;
 - e) Except to the extent allowed by state law, Duke Energy Ohio shall not provide discounts, rebates, or fee waivers for any state regulated monopoly service.
- 11. Shared representatives or shared employees of Duke Energy Ohio and its affiliated electric services company shall clearly disclose upon whose behalf their public

representations are being made when such representations concern the entity's provision of electric services.

C. Limited Exception

Notwithstanding the foregoing, in a declared emergency situation, Duke Energy Ohio may take actions necessary to ensure public safety and system reliability. Duke Energy Ohio shall maintain a log of all such actions that do not comply with the Code of Conduct, which log shall be subject to review by the Public Utilities Commission of Ohio and its staff.

D. Violations

Violations of this Code of Conduct may subject the violating employee, consultant, or independent contractor to disciplinary action up to and including discharge from employment.

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VII. A DESCRIPTION OF ANY JOINT ADVERTISING AND/OR JOINT MARKETING ACTIVITIES BETWEEN THE UTILITY AND AFFILIATES.

In order to ensure compliance with corporate separation rules and regulations, Duke Energy Ohio does not plan to advertise or market jointly with its non-regulated affiliates. If that position changes, Duke Energy Ohio will advise the Commission Staff. Duke Energy Retail Sales, LLC, (DER) is a certified competitive retail electric service provider in the State of Ohio. It is a subsidiary of Duke Energy Corporation and an affiliate of Duke Energy Ohio. Duke Energy Ohio will not engage in joint marketing with DER. However, for purposes of clarification, when DER solicits business or enters into contracts with customers, it is occasionally necessary for it to reference the identity of the local utility. In such circumstances, or circumstances similar in nature to those described, the reference by DER to Duke Energy Ohio shall not be deemed joint marketing or advertising.

Duke Energy Corporation has in place several policies to protect its company brand. To best position the company for future growth and create value for all stakeholders, its franchised electric and gas utilities will use a single company name – Duke Energy. Some employees and executives who interact with state regulatory commissions and other official agencies will identify their businesses as Duke Energy Carolinas, Duke Energy Indiana, Duke Energy Ohio and Duke Energy Kentucky. Signs at facilities, logos on vehicles, uniforms and hard hats, language on our Web sites and other communications will simply use "Duke Energy."

The geographic identifiers (e.g. Duke Energy Ohio) or other corporate identifiers, where appropriate, are to be used in the following applications:

• Regulatory filings in the franchised jurisdictions and in other public documents (press releases, fact sheets, etc.) referring to those filings, and on reports specific

to the utility that are presented to regulators and for limited internal uses. Examples are financial reports, customer data, etc.

Business cards, stationery of large customer/regulator/legislator-facing employees in the respective organizations.

Other, non-regulatory-driven communications, publications, brochures, and reports should refer to Duke Energy only and use the Duke Energy logo. Such communications may describe regional operations: for example, an economic development brochure might refer to "doing business in the Carolinas" or a regulatory report might refer to the company's "Indiana operations." Geographic identifiers should be avoided in these uses. Geographic identifier logos should not be used on hard hats, vehicles, signage, or logo merchandise.

Marketing Communications researches trademarks and reviews and approves all new names and logos. Logos are based on the common, not legal, name of the business unit.

- All energy-related business units use the corporate name and logo as their primary identifiers, with the business unit name as a secondary identifier.
- Subsidiaries of energy-related business units use the corporate name and logo as their primary identifiers, with the subsidiary name as the secondary identifier.
- Energy-related business formed from joint ventures use the corporate name and logo only when the business's practices, policies and approaches mirror those of Duke Energy.
- Newly formed businesses use names and logos established on a case-by-case basis.

VIII. PROVISIONS TO MAINTAIN THE COST ALLOCATION MANUAL.

Duke Energy Ohio maintains its CAM in accordance with O.A.C. Rule 4901:1-37-08. The CAM is organized according to the aforementioned provision and includes the following information:

- 1. An organization chart of the holding company, depicting all affiliates, as well as a description of activities in which the affiliates are involved.
- 2. A description of all assets, services, and products provided to and from the electric utility and its affiliates.
- 3. All documentation including written agreements, accounting bulletins, procedures, work order manuals, or related documents, which govern how costs are allocated between affiliates.
- 4. A copy of the job description of each shared employee.
- 5. A list of names and job summaries for shared consultants and shared independent contractors.
- 6. A copy of all transferred employees' (from the electric utility to an affiliate or vice versa) previous and new job descriptions.
- 7. A log detailing each instance in which the electric utility exercised discretion in the application of its tariff provisions.
- 8. A log of all complaints brought to the electric utility regarding this chapter.
- 9. A copy of the minutes of each board of directors meeting, where it shall be maintained for a minimum of three years.

Duke Energy Ohio has established a CAM team comprised of representation from Duke Energy's various departments, including Rates, Regulatory Accounting, Corporate Accounting,

Human Resources, Compliance, and Legal. After initial development of the CAM, this team meets periodically to review changes to Duke Energy Ohio's and its affiliates' business and business practices, and will make the necessary modifications to the CAM. Duke Energy Ohio will send to the director of the Commission's utilities department, in accordance with O.A.C. Rule 4901:1-37-08(H), a summary of any significant changes in the CAM every twelve months, as applicable.

Duke Energy Ohio will keep CAM filed with its corporate entity records, located in the Legal Department, 139 East Main Street, Cincinnati, Ohio.

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IX. A DESCRIPTION AND TIMELINE OF ALL PLANNED TRAINING AND EDUCATION.

Duke Energy maintains a Ethics & Compliance Department (Regulatory Compliance) as part of its Office of General Counsel. Regulatory Compliance is responsible for ensuring that employees and contractors receive required training in areas such as FERC Standards of Conduct and Affiliate Restrictions, Duke Energy's Code of Business Ethics, and various states' codes of conduct. This training is maintained on the Duke Energy portal, an internal website for all employees in the Duke Energy Corporate holding company structure. FERC Standards of Conduct and Affiliate Restrictions training is required for applicable new employees and contractors, and those employees and contractors receive the FERC training on an annual basis thereafter. Code of Business Ethics training occurs upon the hiring of a new employee and thereafter on a periodic basis, and when standards are revised. A separate version of the training for the Code of Business Ethics is provided to appropriate contractors, when engaged.

The Ohio Corporate Separation/Code of Conduct Training includes specific information and guidance for employees pursuant to the Plan. Mandatory training is deployed annually by Regulatory Compliance to impacted employees and contractors via computer-based training pursuant to a training protocol (e.g., individuals are provided 60 days to complete the training and a formalized follow-up process is followed to track completion). Annual training was deployed on January 1, 2011, and will continue to be a part of the overall Regulatory Compliance training curriculum.

Supplemental, scenario-based Code of Conduct training was deployed in May 2011 (computer-based) to the Retail Customer Products and Services department to address specific requirements in the Ohio Corporate Separation Plan that address promoting non-regulated

product and service offerings. This training is expected to be further enhanced, following initial deployment. In response to the department's request, this training will be deployed semiannually. Further, a document detailing requirements of the Ohio Corporate Separation Plan has been provided to the Retail Customer Products and Services department.

Regulatory Compliance also provides a mailbox (<u>compliancereporting@duke-</u><u>energy.com</u>) as a resource to employees to encourage them to submit questions and/or concerns. These inquiries are used to identify compliance trends and/or areas that need follow-up.

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X. A COPY OF THE POLICY STATEMENT TO BE SIGNED BY ELECTRIC UTILITY AND AFFILIATE EMPLOYEES WHO HAVE ACCESS TO ANY NONPUBLIC ELECTRIC UTILITY INFORMATION.

Policy Statement

Each employee who has access to any nonpublic electric utility information will be required to electronically sign or acknowledge the Corporate Separation Policy Statement attached below. This will be administered during the computer-based training sessions to ensure that all affected employees electronically sign this agreement.

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DUKE ENERGY OHIO CORPORATE SEPARATION POLICY STATEMENT

I hereby acknowledge that I am aware of, have read and will adhere to all policies and procedures regarding limitation on the use of nonpublic electric utility information. I also hereby acknowledge that failure to observe these limitations will result in appropriate disciplinary action.

I have also been made aware of Duke Energy Ohio's Cost Allocation Manual (CAM), including the appropriate costs and expenses which must be reported to the person in charge of Duke Energy Ohio's CAM. I have been given the opportunity to ask questions regarding Duke Energy Ohio's Corporate Separation Plan, Affiliate Code of Conduct and CAM and understand the compliance program included therein, including the appropriate method in which complaints are to be handled and the appropriate persons to whom possible violations should be reported. I have attended one or more training sessions offered by Duke Energy Ohio with regard to the implementation and operation of Duke Energy Ohio's Corporate Separation Plan.

XI. A DESCRIPTION OF TRAINING, INTERNAL COMPLIANCE MONITORING PROCEDURES, AND METHODS FOR CORRECTIVE ACTION FOR NON-COMPLIANCE.

The Corporate Separation/Code of Conduct Training plan has been designed to ensure that all appropriate employees and contractors throughout the Duke Energy Corporation holding company structure know and can implement the policies and procedures of Corporate Separation.

A. Training Goal:

The goal of the Corporate Separation/Code of Conduct Training is to ensure that those employees and contractors who may currently or in the future be affected by the Commission's rules thoroughly understand the policies and are provided with the resources they need, in order to follow the Corporate Separation and Code of Conduct procedures.

The training will be provided not only to currently affected employees and contractors but, on an on-going basis, also to new employees and contractors or those employees or contractors who have become affected through changes in job responsibilities.

B. Target Audience:

Generally, the Corporate Separation/Code of Conduct Training will be administered to all employees and contractors within the Duke Energy Corporation holding company structure who will be affected by compliance with the Commission's rules. Specifically, these employees and contractors include but are not limited to:

• Those employees and contractors having decision-making authority for approving transactions between Duke Energy Ohio and any of its affiliates;

- Those employees and contractors who have access to nonpublic Ohio electric utility information;
- Service company employees and contractors who are located in Ohio.
- Employees and contractors who are directly employed by affiliates that do business in Ohio.

C. Curriculum:

The Corporate Separation/Code of Conduct Training curriculum generally will consist of the following:

- Present Overview of Corporate Separation/Code of Conduct;
- Explain Accounting Treatment of Affiliate Transactions, including Review of SEC-Approved Service Agreements;
- Identify Restrictions on Financial Arrangements;
- Discuss Duke Energy Ohio's Affiliate Code of Conduct;
- Explain Corporate Separation Complaint Procedures;
- Describe Cost Allocation Manual (CAM) and Associated Procedures;
- Explain Internal Compliance Monitoring, including Reporting of Possible Violations.

D. Internal Compliance Monitoring:

To ensure that Duke Energy Ohio's Corporate Separation Plan and Affiliate Code of Conduct are properly implemented within the Duke Energy Corporation holding company structure, the following internal compliance monitoring process will be followed:

1. Duke Energy's Office of General Counsel, via Regulatory Compliance encompassed therein, will ensure that all affected employees and contractors receive the Corporate

Separation/Code of Conduct Training. Employees and contractors are allowed a 60-day period during which to complete each required training module, with period reminders during that period and overdue notices to management if the training is not completed.

- 2. After receiving the training described above, each employee will be required to attest to the Policy Statement contained in Section X of this document.
- 3. Duke Energy's Office of General Counsel will continue to provide a method for employees to ask questions regarding the Corporate Separation/Code of Conduct, as well as the method to report possible violations of the Corporate Separation and Code of Conduct Rules through posting of Compliance personnel contact information on the Duke Energy Portal, through the "ComplianceReporting" mailbox, and through the "EthicsLine" (anonymous reporting).
- 4. Possible violations reported to Duke Energy's Office of General Counsel will be investigated and documented. Upon completing the investigation, Duke Energy's Office of General Counsel will, if appropriate, recommend to senior management a course of action, including refresher training, to correct repeat violations.
- 5. Senior management, upon reviewing the investigative report, will determine whether disciplinary action is required.

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XII. DESIGNATION OF THE ELECTRIC UTILITY'S COMPLIANCE OFFICER.

Duke Energy Corporation maintains an Ethics and Compliance department within its Office of General Counsel. For purposes of this requirement, Duke Energy Ohio has designated an individual to act as a contact for the Commission Staff when seeking data regarding affiliate transactions, personnel transfers, and sharing of employees. This individual is:

> Elizabeth H. Watts Duke Energy Ohio 155 East Broad Street, 21st Floor Columbus, Ohio 43215

Telephone:(614) 222-1331Fax:(614) 222-1337E-mail:Elizabeth.Watts@duke-energy.com

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XIII. A DETAILED DESCRIPTION OUTLINING HOW THE ELECTRIC UTILITY AND ITS AFFLIATES WILL COMPLY WITH O.A.C. CHAPTER 4901:1-37.

Pursuant to the Commission's approval of the Stipulation and Recommendation in Case No. 08-920-EL-SSO, Duke Energy Ohio's corporate separation plan is subject to annual audit, only through 2011. Such an audit will enable the Commission to confirm Duke Energy Ohio's compliance with its internal Plan and the rules pursuant to which that Plan was developed.

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XIV. A DETAILED LISTING OF THE ELECTRIC UTILITY'S ELECTRIC SERVICES AND THE ELECTRIC UTILITY'S TRANSMISSION AND DISTRIBUTION AFFILIATES' ELECTRIC SERVICES.

Duke Energy Ohio is an Ohio corporation engaged in the business of supplying electric generation, transmission, and distribution service to approximately 690,000 customers in southwestern Ohio, and is a public utility as defined by R.C. 4905.02 and R.C. 4905.03.

A. Generation:

In a Stipulation reached in Case No. 08-920-EL-SSO, establishing Duke Energy Ohio's Electric Security Plan (ESP) price through 2011,³ Duke Energy Ohio agreed to continue to own and dedicate its "legacy Cinergy" generation assets to its Ohio customers and not transfer those assets to an exempt wholesale generation (EWG). Duke Energy has functionally separated the operation and maintenance of its generating portfolio from its regulated distribution service. As such, Duke Energy Ohio, as a regulated electric distribution company, treats its generation as a non-regulated affiliate and abides by both the FERC Standards of Conduct and Ohio's code of conduct.

B. Transmission:

Control of Duke Energy Ohio's transmission assets reside with a FERC-approved regional transmission organization (RTO. The RTO controls Duke Energy Ohio's transmission assets and does not have control of any generation assets. The RTO shall operate in the public interest by preventing any transmission owner or competitive retail electric market participant from gaining an unfair competitive advantage within its control area and by preventing the abuse of market power.

³ A subsequent plan for establishing the price of generation services is under consideration by the Public Utilities Commission of Ohio.

The RTO shall operate in the public interest by implementing efficient operating practices and procedures that prevent pancaking, by improving transmission reliability, by encouraging an open generation market, eliminating barriers to entry in the generation market and by eliminating market control over bottlenecked transmission. The RTO shall be large in scale to increase supply options for consumers and shall maintain a Board of Directors independent of transmission users. The RTO shall operate in a manner designed to satisfy the requirements of its customers and shall maintain real-time reliability of the transmission system that it operates.

C. Distribution:

Duke Energy Ohio operates its distribution system under the governance and rate authority of the Commission. Duke Energy Ohio offers all customers safe and reliable distribution service on a non-discriminatory basis. Duke Energy Ohio's tariffs define rates for its distribution services and products. Duke Energy Ohio provides and operates new distribution facilities, or the extension of distribution facilities, pursuant to such tariffs.

Duke Energy Ohio may also offer a limited number of products and services other than retail electric service. Upon customer request, Duke Energy Ohio may use contractors or employees to provide other utility-related services, programs, maintenance, and repairs related to customer-owned property, equipment, and facilities. In addition, Duke Energy Ohio plans to provide products and services other than tariffed retail electric service in an effort to advance the State's interests in energy efficiency and peak demand reduction and to comply with the benchmarks set forth in R.C. 4928.66. These programs give the Company the opportunity to serve customers more completely and to assist in meeting statutory requirements.

XV. A COMPLAINT PROCEDURE TO ADDRESS ISSUES CONCERNING COMPLIANCE WITH O.A.C. 4901:1-37-05.

Duke Energy Ohio has adopted the complaint procedure set forth below. This complaint procedure is to be used to address complaints related to compliance with Duke Energy Ohio's Corporate Separation Plan. A copy of this complaint procedure will be made available upon request to:

> Deputy General Counsel – Regulatory Section, Legal Department Duke Energy Ohio, Inc 139 East Fourth Street P. O. Box 960 Cincinnati, OH 45202

A. Complaint Procedure

The following complaint procedure is to be used to address complaints related to compliance with Duke Energy Ohio's Corporate Separation Plan.

- All complaints, whether written or verbal, shall be referred to the compliance officer designated by Duke Energy Ohio or such officer's designee.
- 2. The compliance officer, or the designee, shall orally acknowledge the complaint within five working days of its receipt.
- 3. The compliance officer or the designee shall prepare a written statement of the complaint that shall contain the name of the complainant and a detailed factual report of the complaint, including all relevant dates, companies involved, employees involved, and the specific claim.
- 4. The compliance officer or designee shall communicate the results of the preliminary investigation to the complainant in writing within thirty days after the complaint was received, including a description of any course of action that was taken.

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- 5. All written statements of complaints and required investigations shall keep a file in the CAM, in accordance with paragraph (B)(14)(e) of O.A.C. 4901:1-37-05, of all such complaint statements for a period of not less than three years.
- 6. This complaint procedure shall not in any way limit the rights of a party to file a complaint with the commission.

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BEFORE

THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of Duke Energy Ohio for Authority to Establish a Standard Service Offer Pursuant to Section 4928.143, Revised Code, in the Form of an Electric Security Plan, Accounting Modifications and Tariffs for Generation Service.)))))	Case No. 11-3549-EL-SSO
In the Matter of the Application of Duke Energy Ohio for Authority to Amend its Certified Supplier Tariff, P.U.C.O. No. 20.)))	Case No. 11-3550-EL-ATA
In the Matter of the Application of Duke Energy Ohio for Authority to Amend its Corporate Separation Plan.)))	Case No. 11-3551-EL-UNC

DIRECT TESTIMONY OF

DANIEL L. JONES

ON BEHALF OF

DUKE ENERGY OHIO, INC.

June 20, 2011

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III.	AMENDMENT OF SUPPLIER TARIFF	3
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I. <u>INTRODUCTION</u>

1	Q.	PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.							
2	A.	My name is Daniel L. Jones, and my business address is 139 E. Fourth Street,							
3		Cincinnati, Ohio 45202.							
4	Q.	BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?							
5	A.	I am employed by Duke Energy Ohio, Inc., (Duke Energy Ohio or the Company)							
6		as the Senior Account Manager, Customer Choice.							
7	Q.	PLEASE BRIEFLY DESCRIBE YOUR EDUCATION AND							
8		PROFESSIONAL EXPERIENCE.							
9	А.	I hold a Bachelor of Science Degree in Electrical Engineering and a Masters of							
10		Business Administration from the University of Cincinnati. I am also a							
11		Professional Engineer in the state of Ohio. I am currently a member of the Retail							
12		Executive Committee for the North American Energy Standards Board (NAESB),							
13		and I serve as a co-chair on the Retail Business Practices Subcommittee for							
14		NAESB. I have facilitated and/or participated in several working groups for both							
15		gas and electric customer choice sponsored by the Public Utilities Commission of							
16		Ohio (Commission).							
17		I started as an electrical engineering cooperative student at The Cincinnati							
18		Gas & Electric Company (CG&E) in December 1973. I hired on full time with							
19		CG&E in June 1977 as a Power Engineer in Industrial Services, serving as an							
20		account manager for industrial facilities and then moving into management							
21		positions. After the Cinergy merger, I managed efforts to provide wholesale							
22		power and energy management services to customers and participated on							

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DANIEL L. JONES DIRECT

1 Cinergy's behalf in both the Michigan and Pennsylvania electric customer choice 2 pilot programs. When Senate Bill 3 (S.B. 3) was passed in Ohio in 1999, I 3 accepted a position on the Transition Team that developed the Operational 4 Support Plan for electric customer choice within CG&E's service territory. Since 5 the time electric customer choice was implemented in Ohio on January 1, 2001, I 6 have served in various positions in the Certified Supplier Business Center.

7 Q. PLEASE DESCRIBE YOUR DUTIES AS THE SENIOR ACCOUNT 8 MANAGER, CUSTOMER CHOICE.

- 9 As Senior Account Manager, Customer Choice, the areas I am responsible for Α. include ensuring that electric and gas customer choice regulations are met, 10 resolving related regulatory issues, ensuring the functionality of information 11 12 .-systems to support choice, reviewing rules and analyzing their impacts, arranging 13 the set-up of new gas and electric suppliers in the Company's service territory, 14 responding directly to gas and electric supplier inquiries and issues, and 15 coordinating with other departments in responding to inquiries about suppliers and assisting them in their training efforts. 16
- 17 Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE PUBLIC

18 UTILITIES COMMISSION OF OHIO?

A. Yes. Most recently, I testified with regard to the Company's application for
approval of a market rate offer, in Case No. 10-2586-EL-SSO.

21 Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS 22 PROCEEDING?

23 A. The purpose of my testimony is, first, to address implementation of Duke Energy

l		Ohio's Operational Support Plan (Plan), adopted pursuant to R.C. 4928.31(A)(3).					
2		Then, I testify concerning certain of Duke Energy Ohio's proposed revisions to					
3		its Certified Supplier Tariff, P.U.C.O. No. 20 (Supplier Tariff).					
		II. OPERATIONAL SUPPORT PLAN					
4	Q.	WHAT IS AN OPERATIONAL SUPPORT PLAN?					
5	Α.	R.C. 4928.31(A)(3) required each electric utility, in the context of its transition to					
6		deregulation, to file a plan "to address operational support systems and any other					
7		technical implementation issues pertaining to competitive retail electric service					
8		consistent with any rules adopted by the commission under division (A) of section					
9		4928.06 of the Revised Code."					
10	Q.	WHAT IS THE STATUS OF DUKE ENERGY OHIO'S PLAN?					
11	А.	The Company's Plan was initially approved in its transition case. ¹ With minor					
12		changes, the Plan was again approved in 2008. ²					

13 Q. HAS DUKE ENERGY OHIO IMPLEMENTED ITS PLAN?

14 A. Yes. Duke Energy Ohio has implemented its Plan and there are no outstandingproblems with the implementation.

III. AMENDMENT OF SUPPLIER TARIFF

- 16 Q. WHAT IS THE CURRENT STATUS OF DUKE ENERGY OHIO'S
- 17 SUPPLIER TARIFF?
- 18 A. The Supplier Tariff was first approved in the Company's electric transition plan

¹ In the Matter of the Application of The Cincinnati Gas & Electric Company for Approval of its Electric Transition Plan, Approval of Tariff Changes and New Tariffs, Authority to Modify Current Accounting Procedures, and Approval to Transfer its Generating Assets to an Exempt Wholesale Generator, Case No. 99-1658-EL-ETP, et al.

² In the Matter of the Application of Duke Energy Ohio, Inc., for Approval of an Electric Security Plan, Case No. 08-920-EL-SSO, et al.

proceeding, at the commencement of deregulation.³ A limited portion of the 1 2 Supplier Tariff was amended in 2002 to provide for consolidated billing and the purchase of accounts receivable.⁴ The Supplier Tariff was also revised in early 3 $2006.^5$ The proceeding in which such revisions were approved immediately 4 followed the Commission's approval of the merger transaction between Duke 5 Energy Corporation and Cinergy Corp., the parent of CG&E. 6 The tariff amendments proposed in that case related simply to the change of name to Duke 7 Energy Ohio. Thus, no comprehensive review of the Supplier Tariff has been 8 9 made since its original adoption.

10 Q. PLEASE DESCRIBE THE CHANGES PROPOSED TO BE MADE TO 11 THE SUPPLIER TARIFF.

12 A. There are several categories of changes that are proposed. In the last several 13 years, as electric utilities and competitive retail electric service (CRES) providers 14 have sought to enable competition, numerous changes have occurred, both within 15 Duke Energy Ohio and in the broader electric industry. The first category of 16 changes addresses issues such as the relationship between Duke Energy Ohio and 17 energy suppliers, the manner in which power is transmitted to suppliers, and the 18 related ways in which communications occur among the various parties to

³ In the Matter of the Application of The Cincinnati Gas & Electric Company for Approval of its Electric Transition Plan, Approval of Tariff Changes and New Tariffs, Authority to Modify Current Accounting Procedures, and Approval to Transfer its Generating Assets to an Exempt Wholesale Generator, Case No. 99-1658, et al., Opinion and Order (August 31, 2000).

⁴ In the Matter of the Application of The Cincinnati Gas & Electric Company for Approval of Changes to its Retail Electric Service Tariff (P.U.C.O. No. 19) and Certified Supplier Tariff (P.U.C.O. No. 20) to Implement New Services for Consolidated Utility Bill Ready Billing and Purchase of Supplier Accounts Receivable, Case No. 02-291-EL-ATA, Finding and Order (June 20, 2002).

⁵ In the Matter of the Application of The Cincinnati Gas & Electric Company to Modify its Retail Gas, Electric, and its Certified Supplier Tariffs, Case No. 06-407-GE-ATA, Finding and Order (March 29, 2006).

wholesale transactions.

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2 An example of one of these technical changes is the substitution of "Balancing Authority Area" for "Control Area." Similarly, "ReliabilityFirst" is 3 substituted for "ECAR," "Transmission Provider" is used in place of "Cinergy 4 Control Area Operator," and "Transmission Provider's Balancing Authority Area" 5 6 is substituted for "Cinergy Control Area." Other revisions are more descriptive of 7 industry changes. This category of modifications appears throughout the Supplier 8 Tariff and will result in making the tariff sheets consistent with current industry terms and practices. 9

10 Q. WHAT IS THE SECOND GENERAL CATEGORY OF CHANGES?

11 The second group of changes concerns rate-ready billing options. The current Α. 12 tariff language provides for four standard rate types: non-volumetric, flat charge per kilowatt or kilowatthour, multi-tiered, and time-of-use. With regard to any of 13 14 these four rate types, the Company is bound, under the current Supplier Tariff, to 15 provide sample rate calculations to the requesting supplier within five calendar 16 days of the supplier's request for a new rate code and to migrate the new rate code 17 to the Company's production billing system within three business days of the 18 supplier's approval of the sample rate calculations. The Company will also 19 currently handle requests for other rate types on a case-by-case basis, but testing 20 and set-up may not be available on the same schedule.

21 The proposed tariff changes will provide that only standard rates are 22 available and will add, as a new standard rate type, percentage-off rates. Although 23 percentage-off rates will be considered standard, the Company will have fifteen

DANIEL L. JONES DIRECT 5

calendar days to provide sample rate calculations to the requesting supplier and
 three business days to migrate the new rate code to the Company's production
 billing system following the supplier's approval of the sample rate calculations.

4 Q. PLEASE DESCRIBE THE THIRD CATEGORY OF CHANGES 5 PROPOSED FOR THE SUPPLIER TARIFF.

The current language in the Supplier Tariff includes references to dates by which 6 Á. certain practices were scheduled to begin. Where those dates are in the past, there 7 is no continuing benefit to their existence in the tariff. Therefore, the Company 8 proposes to delete such references. An example of this appears in Section 7.3, 9 10 Sheet 36, where the current language requires the Company to make available an end-use customer list, beginning on October 1, 2000, with updates available 11 quarterly through the market development period. The Company does make an 12 13 end-use customer list available and updates are made quarterly. The references to 14 October 1, 2000, and the end of the market development period are both now 15 irrelevant.

16 Q. PLEASE DESCRIBE THE FOURTH CATEGORY OF CHANGES.

A. As it currently stands, the Supplier Tariff includes provisions that address aspects
of the relationship between end users and Duke Energy Ohio. Such provisions are
duplicative of matters that are covered more appropriately in Duke Energy Ohio's
retail tariff, P.U.C.O. 19. They will be deleted, substituting references to the retail
tariff, as necessary. An example of such a change is the return pricing to be
charged to end users by Duke Energy Ohio, as found in the current Supplier Tariff
in Section 7.8, Sheet 36.

DANIEL L. JONES DIRECT

1 Q. PLEASE DESCRIBE THE FIFTH CATEGORY OF CHANGES.

A. The final group of changes reflect updates to names of corporate entities and
 minor wording changes that are made for grammatical and/or consistency
 purposes.

5 Q. PLEASE EXPLAIN WHETHER ANY OF THE PROPOSED CHANGES

- 6 TO THE SUPPLIER TARIFF, INDIVIDUALLY OR AS A GROUP, 7 COULD BE DEEMED TO INCREASE RATES IN ANY WAY.
- 8 A. No, these changes will not increase rates in any way. The changes reflect altered
 9 industry practices, updated language, and an additional billing option. No change,
 10 itself or together with other proposed changes, will increase any rates, joint rates,
 11 tolls, classifications, charges, or rentals.

IV. <u>CONCLUSION</u>

12 Q. DOES THIS CONCLUDE YOUR PRE-FILED DIRECT TESTIMONY?

13 A. Yes.

BEFORE

. . _____. . . . ____

THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of Duke Energy Ohio for Authority to Establish a Standard Service Offer Pursuant to Section 4928.143, Revised Code, in the Form of an Electric Security Plan, Accounting Modifications and Tariffs for Generation Service.)))))	Case No. 11-3549-EL-SSO
In the Matter of the Application of Duke Energy Ohio for Authority to Amend its Certified Supplier Tariff, P.U.C.O. No. 20.)))	Case No. 11-3550-EL-ATA
In the Matter of the Application of Duke Energy Ohio for Authority to Amend its Corporate Separation Plan.)))	Case No. 11-3551-EL-UNC

PUBLIC

VOLUME V

WORKPAPERS

ATTACHMENT J

INDEX TO WORK PAPERS

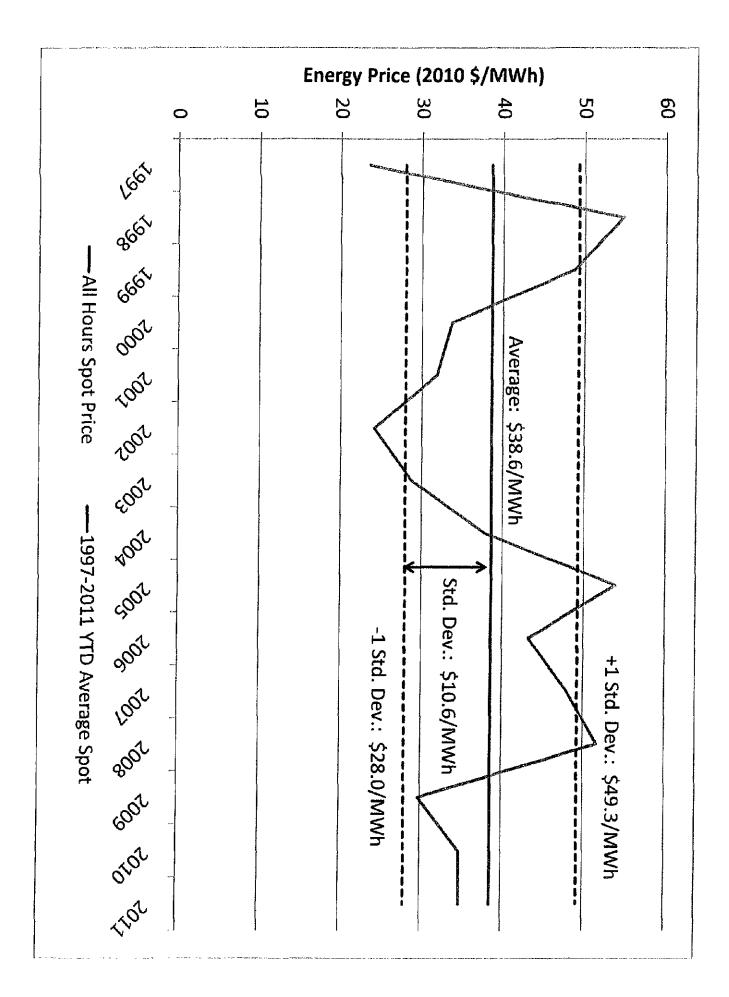
Witness Judah L. Rose

1. Exhibit B – Projected SSO Price	Public
 Exhibit F – Projected ESP. 	
 Wholesale Prices Exhibits	
a. Supports Exhibits H, K, R, J, M, P, and L	
4. Exhibit I	Dublic
6. Exhibit S.	
7. MISO Historical Cinergy Hub LMP	
8. Capacity Prices	Confidential
a. Supports Exhibits K, N and T	
9. MRO Proposed.	Confidential
a. Supports Exhibits FF and GG	
10. CMO Exhibits	Confidential
a. Supports Exhibits W, DD, BB, AA, CC, and V	
11. CMO Calculation Assumptions	Confidential
12. Retail Price Multiplier	Confidential
13. CMO Output 2	Confidential
14. CMO Output 1	Confidential
15. TS Customer	Confidential
16. RS Customer	Confidential
17. DS Customer	Confidential
18. DP Customer	
19. DM Customer	
20. ICF Forecast	
21. FPP-AAC Energy and Margin and Capacity	
22. ICF Forwards for Retail Price	
23. Historical Inflation	
24. DEO Delivered Gas Price.	
25. HH Summary	
26. Historical Gas Prices.	
27. HH Daily Trade Dates.	
27. The Daily Haw Daws	Connuçnular

LEGACY ESP

Communat	Bidar			Bidar	ted		
		2012	2013	2014	2015	2016	AVPTION
Base Generation	PTC-BG	3.71	3.71	3.71	3.71	17.5	12 2
CD Rate	PTC-CD	0.23	0.23	0.23	0.23	0.75	110
SRT Rate	PTC-SRT	0.06	0.04	0.18	0 16	000	
Fuel, Purchased Power & Alternative							
Energy Resource Compliance	r I C-FFF	3.13	2.68	2.71	2.58	2.56	2.73
AAC - Environmental & Tax	PTC-AAC	0.79	0.78	0.79	0.86	0.05	0 64
Legacy ESP		7.92	7.44	762	7.54	7.40	

EXHIBIT B



CINERGY HISTORICAL WHOLESALE POWER PRICES MISO GAPTEY HUD LUND [Nominal \$/MUM]

41.1 37.3 41.1 37.3 41.1 37.3 41.1 37.3 41.1 37.3 41.1 37.4 41.1 37.4 41.1 37.4 41.1 37.4 42.0 30.6 42.1 37.4 42.1 37.4 42.1 37.4 35.1 35.1 35.2 35.1 35.3 35.3 35.4 35.1 35.5 35.1 35.6 35.1 35.6 35.1 35.6 35.1 35.6 35.1 35.6 35.1 35.6 35.1 35.6 35.3 35.6 35.3 35.6 35.3 35.6 35.3 35.6 35.3 35.6 35.3 35.6 35.3 35.6 35.3 35.6 <th>50.9 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.3 56.3 56.3 56.3 56.3 56.3 56.3 56.3 56.3 56.3 56.4 57.5 56.2</th> <th>2006 2006 2006 2006 2006 2006 2006 2006</th> <th>「 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、</th> <th>4.0 4.5 4.5 4.5 4.5 4.5 4.5 5.5 5.5 5.5 5.5</th> <th>346 35,8 31,4 31,4 32,8 32,3 33,3 33,3 33,5 33,5 33,5 33,5 33,5</th> <th>245 299 299 200 200 200 200 200 200 200 200</th>	50.9 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.3 56.3 56.3 56.3 56.3 56.3 56.3 56.3 56.3 56.3 56.4 57.5 56.2	2006 2006 2006 2006 2006 2006 2006 2006	「 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、	4.0 4.5 4.5 4.5 4.5 4.5 4.5 5.5 5.5 5.5 5.5	346 35,8 31,4 31,4 32,8 32,3 33,3 33,3 33,5 33,5 33,5 33,5 33,5	245 299 299 200 200 200 200 200 200 200 200
╶┼╪╶┝┽┾╍┼┽┥╋┲┲┲┲╦┥┥╴┙╸┙╴╴	865 865 816 816 816 816 817 817 813 813 813 813 813 813 813 813	2006 2006 2006 2006 2006 2006 2006 2007 2007	ろきょうらうのの21111111111111111111111111111111111	415 416 416 417 417 417 417 417 417 417 417 417 417	55.8 24.4 24.4 25.1 25.1 25.5 25.5 25.5 25.5 25.5 25.5	899 529 529 529 529 529 520 701 701 701 701 701 701 701 701 803 803 803 803 803 803 803 803 803 803
╌╞┥┽┼┼╄╅┼┲╋┢┲┲┲╌╬╪╪╌╄╇┲╌┾┽┼┼┾┼┼┼┼┼┼╋╋╋╋╋╋╋	99.4 91.5 91.6 91.6 91.6 91.6 91.5	2006 2006 2006 2006 2006 2006 2006 2007 2007	ミロション目ののではいうこうすうのうののは、ジェント	436 450 450 450 450 555 555 555 555 555 555	24.4 23.28 23.33 23.33 23.55 24.55 25.55 2	219 250 590 590 701 701 701 701 290 200 200 200 200 200 200 200 200 200
╶┤┿┼╌┼╬┽┼╋╋┲┲┲╦╦╡┥╴┚╋┝╌╖┼┼┼┾┽╌╿┫╄╎╴╄╋┥╇╻┥┪	56.2 56.2 55.6 55.6 55.6 55.6 55.6 55.6 55.6 55.6 55.5 55.5 55.5 <td>2006 2006 2006 2006 2006 2006 2007 2007</td> <td>gsssゃ89%はおりょうgssゃ。。 ほねお おう</td> <td>460 412 556 556 556 556 556 555 556 555 555 55</td> <td>32.8 31.4 53.3 53.3 53.3 53.3 54.5 55.7 55.7 55.8 55.7 55.8 55.7 55.8 55.7 55.8 55.7 55.8 55.7 55.8 55.7 55.8 55.7 55.7</td> <td>80.7 70.10 70.10 70.10 70.10 70.10 8</td>	2006 2006 2006 2006 2006 2006 2007 2007	gsssゃ89%はおりょうgssゃ。。 ほねお おう	460 412 556 556 556 556 556 555 556 555 555 55	32.8 31.4 53.3 53.3 53.3 53.3 54.5 55.7 55.7 55.8 55.7 55.8 55.7 55.8 55.7 55.8 55.7 55.8 55.7 55.8 55.7 55.8 55.7 55.7	80.7 70.10 70.10 70.10 70.10 70.10 8
┝┽┾┼╃┽┺╊╋┲┲┲┲┥┥┙┙	51.6 55.0 55.1 55.2 55.3 55.4	2006 2006 2006 2006 2006 2005 2007 2007 2007 2007 2007 2007 2007	20700 れいいうううちょうの 5 11 11 11 11 11 11 11 11 11 11 11 11 1	40.2 53.2 53.2 53.2 53.2 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53.5	11.4 25.5 25.5 25.5 25.5 25.7 25.5 25.5 25.5	55.2 7.01 7.01 7.01 7.01 7.01 7.01 6.02 6.03 6.03 6.03 6.03 7.17 7.17 6.03 6.03 6.03 6.03 6.03 7.17 7.17 7.17 7.17 7.17 7.17 7.17 7.1
┝┼┼┽┽┼╪╪╪┲╌╧╧╧╧╧╧╧╧╧╧╧╧╧╧╧╧╧╧╧	55.0 55.4 55.4 55.4 57.7 37.7 37.7 37.7 37.7 37.7 37.7 37.7 43.5 67.2 43.5 55.5 52.4 55.5 52.5 55.5 52.4 55.5 53.7 55.5 53.7 55.5 55.5 <td>2005 2005 2005 2005 2005 2007 2007 2007</td> <td>ヽ ら ヽ</td> <td>255 255 255 255 255 255 255 255 255 255</td> <td>23.4 23.5 25.5 25.5 25.5 25.5 25.5 25.5 25.5</td> <td>50 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</td>	2005 2005 2005 2005 2005 2007 2007 2007	ヽ ら ヽ	255 255 255 255 255 255 255 255 255 255	23.4 23.5 25.5 25.5 25.5 25.5 25.5 25.5 25.5	50 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
┼╌╃╍╫┹┲┲┲╌╌╌╌╌╌╌╌╌╌╌╌╌╌╌╌╌╌	53.4 55.4 55.5	2005 2006 2006 2006 2006 2007 2007 2007 2007	٥ ~ @ @ @ E II II ~ / @ / @ @ @ E II II ~ /	858 858 858 858 859 850 853 853 853 853 853 853 853 853 853 853	733 37.6 37.6 37.6 38.7 38.7 38.7 38.7 38.7 38.7 38.7 38.7	530 264 265 265 266 273 273 273 273 273 273 273 273 273 273
┥╃╅┼┫╅╞┲┟┼╎╡┼╎╃┼╵┼┼┼┼┼┼╎╎┥╴┝╋╖┝╶┝┥	65.4 65.4 65.0 65.0 67.2 53.0 67.2 64.7 66.7 66.7 55.6 66.7 66.7 55.6 55.6 55.6 55.6 55.6 55.6 55.6 55.4 55.6 55.4 55.6 55.6 55.6 55.6 55.6 55.6 55.6 55.6 55.6 55.6 55.6 55.6 55.6 55.7 55.6 55.7 55.7 55.1 55.6 55.1 55.6 55.1 55.7 55.1 55.1 55.1 55.2 55.1 55.2 55.1 55.2 55.1 55.2 55.1 55.2 55.1 55.2 55.1 55.2 55.2 55.2 55.3 <td>2006 2006 2006 2006 2007 2007 2007 2007</td> <td>~ 80 の 21 注 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td>512 556 556 872 872 872 872 853 853 853 853 853 853 853 853 853 853</td> <td>33.3 31.7 31.7 31.7 31.7 31.7 31.7 31.7</td> <td>70.1 20.4 40.4 40.4 50.9 50.9 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4</td>	2006 2006 2006 2006 2007 2007 2007 2007	~ 80 の 21 注 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	512 556 556 872 872 872 872 853 853 853 853 853 853 853 853 853 853	33.3 31.7 31.7 31.7 31.7 31.7 31.7 31.7	70.1 20.4 40.4 40.4 50.9 50.9 50.4 50.4 50.4 50.4 50.4 50.4 50.4 50.4
╶┼┽┼┦╅╞┲┟╴┼┊┽┼╎┦┝╎┼┼┾┽┼╎┨┾╎┼┝┿┥┝┥┥┥	915 917 917 917 917 917 917 918 918 918 918 918 918 918 918 918 918	2005 2006 2006 2005 2007 2007 2007 2007 2007 2007 2007	89 9 17 17 1 2 m g S g 7 8 g m m m g	556 318 420 420 420 371 371 371 380 392 493 493 493 493 493 493 493 493 493 493	37.6 26.1 27.7 27.7 28.7 28.7 28.7 28.7 28.7 28.7	250 404 405 413 413 925 926 926 926 926 926 926 926 926 927 927 927 927 927 927 927 927 927 927
╺┽╼┾╋┲┲┲╌┥┥╴╋╝╗┙┥╌┥╴┥╴┥╴╸╸	37.7 45.5 45.5 45.6 45.8 45.8 45.8 56.7 55.8 56.7 55.8 56.7 55.8 56.7 55.8 56.7 55.8 56.7 55.8 56.7 55.8 55.4 55.8 55.4 55.8 55.4 55.8 55.4 55.8 55.4 55.8 55.8	2005 2005 2005 2007 2007 2007 2007 2007	の 8 17 17 ゴ ? m d S S ^ 8 g 8 11 17 7~	21.8 36.9 37.10 37.10 37.10 37.10 39.2 39.5 39.5 39.5 39.5 39.5 39.5 39.5 39.5	861 282 282 282 282 285 285 285 285 285 285	404 45,1 45,1 45,1 45,1 45,1 55,2 55,2 55,2 55,2 55,2 55,2 55,2 5
┟╼┲╋╋┲┲┲┲╌╋╋╌╌╌╌╌╌╌╌╌╌╴╴╴	43.5 48.3 48.3 48.3 48.3 67.2 66.7 58.5 58.3 58.3 58.3 58.3 58.4 58.6 58.6 58.5 58.7 58.4 58.6 58.6 58.6 58.6 58.6 58.6 58.6 58.6	2006 2007 2007 2007 2007 2007 2007 2007	81131-10m 4 000 0 5113 7 0 0	859 853 853 853 853 853 853 853 853 853 853	28.2 28.7 28.7 28.7 28.7 28.7 29.4 20.4 20.4 20.4 20.4 20.4 20.4 20.4 20	823 910 911 911 911 911 911 911 911 911 911
┽┤╪╆╁╁┼┊┽┼╎┾╎┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼	44.7 44.7 45.8 45.8 66.7 66.7 55.6 66.7 730 55.6 730 730 68.6 730 68.6 730 68.6 730 68.6 730 68.6 730 68.6 730 68.6 730 68.6 732 95.5 85.1 732 95.5 85.1 732 95.5 85.1 732 95.5 85.1 732 95.5 85.1 732 95.5 85.1 732 95.5 85.5 732 85.5 732 95.5 85.5 732 732 85.5 732 732 85.5 85.5 732 732 85.5 85.5 732 732 85.5 85.5 732 732 85.5 85.5 732 732 85.5 85.5 732 732 732 85.5 732 732 85.5 732 732 85.5 732 732 85.5 85.5 732 732 85.5 85.5 732 732 85.5 85.5 85.5 732 732 85.5 85.5 85.5 85.5 85.5 85.5 732 85.5 85.5 85.5 85.5 85.5 85.5 85.5 85.	2006 2006 2007 2007 2007 2007 2007 2007	a に は っ o o o o o o o u u u o o o o o o u u u o	89 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	28.2 28.5 28.5 28.5 28.5 28.5 28.5 28.5	451 472 599 599 581 717 581 581 581 581 581 581 581 581 581 581
┫╊┲┲┲┲╗╗	443 443 672 672 667 667 588 588 588 588 588 588 588 588 588 58	2006 2007 2007 2007 2007 2007 2007 2007	コ い ー マ ら ろ ろ の の ロ ご こ ~	92.0 87.1 88.2 88.3 88.3 89.5 89.7 89.5 89.3 89.3 89.3 89.3 89.3 89.3 89.3 89.3	31.7 26.8 26.4 26.4 26.4 27.4 26.6 27.4 26.6 27.4 26.6 26.6 26.6 26.7 26.7 26.6 26.6 26.6	228 473 290 290 290 290 291 200 200 200 200 200 200 200 200 200 20
┶╆╆┟╢╬╗╗╗╗╗	44 7 45 8 67 5 66 7 66 7 53 5 53 4 53 4 53 4 53 4 53 4 53 4 53 4	2005 2007 2007 2007 2007 2007 2007 2007	い コ コ マ m y y y y y y y y y y y y y y y y y y	37.1 38.0 38.0 55.3 59.4 59.3 59.3 59.3 59.3 59.3 55.3 55.3 55.3	28.2 28.5 28.5 28.5 28.5 28.5 29.4 28.6 29.4 29.8 29.2 29.2 29.2 29.2 29.2 29.2 29.2	417 417 417 417 417 417 417 417 417 417
┝╈┲╌┲╌╌┙╴╴╴╴╴╴╴╴╴╴╴╴╴╴╴╴╴╴	458 672 667 667 667 667 790 558 531 531 531 531 531 531 531 531 531 531	2007 2007 2007 2007 2007 2007 2007 2007	「」 ~ m 々 ~ る ~ の の ロ ひ ~ ~	80 892 892 892 893 893 893 893 893 893 893 893 893 893	85.2 85.2 85.4 85.4 85.2 85.2 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0	82.3 82.4 82.4 82.4 82.4 82.3 82.3 82.3 82.4 82.4 82.4 82.4 82.4 82.4 82.4 82.4
	912 94 6 94 6 94 6 94 6 95 5 7 95 5 7 95 5 91 0 91 0 91 0 91 0 91 0 91 0 91 0 91 0	2007 2007 2007 2007 2007 2007 2007 2007	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	80 897 897 897 897 893 893 893 893 893 893 893 893 893 893	85.7 85.7 85.7 85.7 85.8 85.8 85.8 85.8	823 811 821 821 821 821 821 821 821 821 821
╈┲╗╗╗╗	67.2 66.7 66.7 66.7 55.6 55.6 55.6 53.1 53.1 53.1 53.1 53.1 53.1 53.1 53.1	2007 2007 2007 2007 2007 2007 2007 2007	2 m a ららってののの11 21 m ~	59.2 64.4 64.4 59.5 59.5 59.5 59.5 56.9 56.9 56.9 56.9	49.4 28.5 28.5 29.7 29.7 29.7 20.7 20.7 20.7 20.7 20.7 20.7 20.7 20	69 570 69.4 69.4 71.7 71.7 88.1 82.3 88.1 82.3 88.1 53.2 53.2 53.2 57.7 53.2
	94 8 94 8 94 8 98 9 55 5 73 0 53 4 73 0 53 4 53 4 53 4 53 4 53 4 53 4 53 4 53 4	2007 2007 2007 2007 2007 2007 2007 2007	m a v o v o o v a v v v v v v v v v v v v	86.3 99.7 50.9 50.9 50.9 50.3 50.3 50.3 50.3 50.3 50.3 50.3 50.3	38.1 38.1 38.1 38.4 39.4 38.8 48.8 49.8 49.8 49.8 40.6 46.0 46.0 46.0 46.0 46.0 46.0 46.0	577 577 577 577 577 577 577 577 577
┟┙┋╡┽╎╄┝╶┼┼┽┽┽┥╏┾╎┝╋╗┝╧┿	66.7 66.7 56.8 56.8 56.8 59.0 58.1 58.1 58.1 58.1 58.1 58.1 58.1 58.1	2007 2007 2007 2007 2007 2007 2007 2007	n マ ら の の に に す ~	8.9 8.9 8.9 8.9 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	38.1 28.1 29.1 20.1 20.1 20.1 20.1 20.1 20.1 20.1 20	272 281 281 281 281 282 282 282 282 282 28
╁╫╪╪┼╄╄╌┽┽┼┿┽┼╅┹┼╄╋╋┝╅┿	667 667 688 688 755 755 755 755 755 753 833 753 630 630 630 630 733 729 729	2007 2007 2007 2007 2007 2007 2007 2007	a v o v s o o i i i i v v	997 997 907 903 903 903 903 903 905 907 907 907 907	381 307 4 307 4 307 4 307 4 308 308 308 40 4 30 3 37 36 37 37 37 37 37 37 37 37 37 37 37 37 37	629 69.4 69.1 53.2 53.2 53.2 53.2
╶╶╶┥┥╴┥╸┥╴┥╴┥╴┥╴┥╴┥╴┥╴┥╴┥╴┥╴┥	66.7 68.8 56.8 55.5 52.4 53.1 53.1 53.1 53.1 53.1 53.1 53.1 63.6 63.6 63.6 63.6 63.6 63.6 63.6 6	2007 2007 2007 2007 2007 2007 2007 2005 2005	~ ~ ~ ~ ~ ~ ~ ~	64 807 803 803 803 803 803 803 803 803 803 803	25.8 32.4 32.4 32.4 36.8 35.8 35.8 35.8 40.4 40.4 40.4 35.8 40.3 28.6 28.6 28.6 28.6 35.7 35.7 35.7 35.7 35.7 35.7 35.7 35.7	69,4 71,7 58,1 59,5 51,7 57,7 57,7 57,7
	688 75.5 75.6 75.4 73.1 58.7 58.4 58.4 58.4 58.4 68.0 68.0 68.0 90.3 91.5 91.5 72.9	2007 2007 2007 2007 2007 2007 2007 2005 2005	9 ~ 8 5 5 7 4 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	507 537 593 593 593 593 503 503 503 503 503 503 503 503 503 50	30.7 30.7 30.7 35.8 35.8 30.8 40.4 40.4 256.6 36.0 36.0 36.0 36.0 37.2 256.6 37.2 256.6 37.2 256.6 37.2 256.6 37.2 256.6 37.2 256.6 37.2 256.6 37.2 256.6 37.2 256.6 37.2 37.4 37.4 37.4 37.4 37.4 37.4 37.4 37.4	717 252 252 252 252 252 252 252
┟┼╀╃┍╌┼┼┼┼┼┼┼┼┼┼┼┼┼┼	55.5 730 730 52.4 53.4 53.4 733 63.6 63.6 63.6 63.6 63.6 63.6 63.6	2007 2007 2007 2007 2007 2007 2008 2008	ット ∞ ゥ ŋ ï ï ï ~ ~	37 37 37 37 37 37 37 37 37 37 37 37 37 3	30.7 30.7 30.7 30.7 30.7 30.7 30.7 30.7	88.1 88.1 87.7 87.7 87.7 87.7 87.7 87.7
┼╀╄┟╎┽┼┽┽┽┥┟╏╴╴╸╸╸╸	7355 7357 587 587 583 584 584 680 680 680 680 681 973 915 915 729	2007 2007 2007 2007 2007 2007 2008 2008	~ % 5 9 1 1 7 ~ ~	937 933 935 935 935 935 935 935 937 937 937 937 937 937 937 937 937 937	30.7 36.8 31.6 31.6 33.8 8.8 7 8.8 7 8.6 8.6 8.6 36.6 36.6 36.6 36.6 36.6 36	82.3 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5
╶┨╋╝┙┼┥┥╒╕┙	790 524 524 534 531 531 739 686 686 686 686 686 686 686 685	2007 2007 2007 2007 2007 2007 2008 2008	8 5 9 II 7 ~ ~	993 995 995 995 995 978 978 973 958 97 957 9697 949	88 27.4 27.4 27.4 28.8 40.4 26.0 26.0 26.0 26.0 26.0 26.0 26.0 26.0	82.3 57.7 55.7 57.7 57.7 57.7
┠╋╋╗┿┿┿┿┿┿╋╋╋	22.4 58.7 58.1 58.1 58.1 70.3 69.8 69.8 69.8 69.8 53.1 92.5 92.5 72.9	2007 2007 2007 2007 2008 2008 2008	9 11 17 m ~	395 493 43.2 57.3 57.3 57.3 55.8 55.8 55.8 55.8 55.8 55.8 55.8 55	27.4 27.4 27.4 28.7 28.5 28.5 28.5 28.5 28.5 28.5 28.5 28.5	275 275 275
┫┹╝┼┼┼┼┼┼┥┨╴╴╴	22.4 53.1 53.4 53.4 53.4 53.4 53.4 53.4 53.4 53.6 53.6 53.6 53.6 53.6 53.6 53.6 53.6	2007 2007 2007 2003 2003 2003 2008	の2511~ ~	39.5 39.3 49.3 49.3 59.3 55.3 55.3 55.3 55.3 55.3 55.3 5	27.4 25.4 40.4 42.0 48.7 40.3 40.3 40.3 28.6 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5	225
╶┨╌┧┥┥┥┥┥┥	587 53.1 53.1 53.4 63 0 63 0 69.8 69.8 69.8 57.3 92.5 92.5	2007 2007 2008 2008 2008	8日3-~	49.3 47.8 57.3 57.3 57.3 57.3 57.3 57.3 57.3 57.3	36.8 31.6 31.6 39.8 40.4 40.4 40.4 40.4 40.4 28.6 36.5 35.5 35.5 35.5 35.5	51.1 57.7 58.2
	53.1 55.4 63.0 63.0 63.0 63.6 69.8 57.3 92.5 92.5	2007 2005 2008 2008	ц ц ~ ~	43.2 47.8 57.3 57.3 58.8 55.3 55.3 55.3 55.3 55.3 55.3 55	31.6 39.8 40.4 40.3 40.3 28.6 28.6 38.2 38.2 38.2 38.2	55.2 57.7 64.2
┧┼┼┼┼┼┼╎╎╎╎	554 534 630 698 698 698 573 95.1 92.5 92.5	2007 2008 2008 2008	เม่น ~	52.2 57.3 58.8 55.3 55.3 55.3 55.3 55.3 55.3 55	39.7 39.7	2.25
	554 630 630 696 696 573 95.1 92.5 72.9	2007 2008 2008 2008	я ~ ~	47.8 57.3 58.8 58.8 58.8 55.3 42.7 69.7 69.7 64.9	39.8 40.4 40.4 40.3 46.0 36.2 36.2 36.2 39.7 39.7	57.7
	630 703 698 686 686 9573 9511 925 7239	2008	ب ~	52.2 57.3 58.8 55.3 42.7 69.7 64.9	4 0 4 2 4 0 4 0 4 2 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4 0 4	8
	6.07 6.98 6.98 6.73 7.39 7.29 7.29 7.29	2008	~ ~	57,3 57,3 58,8 55,3 82,7 69,7 64,9	40.4 45.0 28.6 36.5 36.7 39.2 39.2 39.7	8
	70.3 69.8 57.3 95.1 72.9	2008	~	57.3 58.8 55.3 42.7 69.7 69.7	44.0 48.7 28.6 36.2 36.2 39.7 39.7	
╶┼┽┥┨┟┟╎╋╋┑┣┝┝╋	69.8 69.6 57.3 95.1 22.5 72.9	2008		58.8 55.3 42.7 69.7 64.9	48.7 28.6 36.2 39.7 39.7	71.6
	88.6 57.3 95.1 92.5 72.9		'n	55.3 69.7 64.9	28.6 28.6 35.2 39.7	-
	6%6 57.3 92.5 72.9		n	55.3 42.7 64.9	40.3 26.6 36.2 39.7	1.17
╶┼┼┼┼┼┼┼┝┼┝┥┥┟┤┼	57.3 1.29 2.25 2.25	2008	4	42.7 69.7 64.9	28.6 26.0 36.2 39.7	6.07
	92.5 72.9	2008	5	69.7	46.0 36.2 39.7	~ 22
┟┼┼╎╄┑┼┼┾┥┥┥┤╴	92.5 72.9	1000		64.9	36.1 36.1 39.1	
╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋╋	92.5 72.9	*100	₽	640	36.2	8
<u>╶┼╎╄┥╄┟┠┥┥</u> ┢┧┾	72.9	2008	2		39.7	2.28
┝┦╄╉╌╄╌┠╺╄╍┥╌┠╍┧╌╁		2008	60	22		2.12
┼╄┥┝┝		0000				
╇╋╋		2007	7	2.96	30.9	58.1
╺╉╌╄╶┠╶╃╍┨╌┠╌┨╌┧	46.1	2008	10	39.9	32.9	47.0
┝╌╄╌┠╼┩╍┨╍┨╌╂	47.5	2005	1	887	210	48.4
<mark>┥╎┊┥┥</mark> ┥┥┥	C 80	9701	;			
┥┥┥┥		0001	7		1-22	7.64
┼┽┽┟┼┼	8.4	2005	-1	39.4	33.2	46.2
┝┥┥╷╎╴╎	604	6002	~	2.24	C UR	412
┿┽╌┼╍┼╌┼	0 22	225	ļ			
┥┥				34.5	28.0	ŝ
╍┟┥┥┽	32.3	5000	4	28.4	24.4	32.6
┢╍┧┥┥	32.5		J	, X	24	010
++				ŝ	×2.2	
┿	8.65	60.02	٥	83	20.8 20.8	36.2
	30.7	\$92 ~	~	25.0	19.2	31.0
	33.4	SUCK.	a	346	-	100
-	4				1	
+			7	2.0	20.4	88
23.9	32,8	2009	10	28.4	24.1	33.1
_,	E.IE	2002	11	0.72	274	216
┝	~ G	OUTUC C	;			
+		EW07		, K	5 27	40.1
┦	6.9 19	2010	1	39.5	33.3	45.9
_	4 3.2	2010	~	2.5	11.7	C.E.B.
310 272	6 YR	0.14	ſ			
]			
+	n n	7010	9	5 SZ	24.3	34.6
31.5 25,4	38.8	2010	Ś	31.5	25.4	39.8
40.5 J 31.8	20 f	70102		2.00	\$	
ŀ			,		2410	R: F
0.76		0102		42.7	31.8	20
	52.4	20102	80	4,05	9°52	52.4
25.4 22.5	366	0100	0	202	1	2,27
ŀ					5	20.02
5.67 Tuy	32.0	2010	9	28.1	24.9	32.0
30.3 26.2	34.5	20102	16	12	6.30	3 4 5
-					1.03	2
┦	j j	20102	71	37.7	31.2	4 1
1 38.9 1 34.0	1 427	1102	-	37.9	2"EE	43.7
9 0C CTE	0 ×n	1100			4	4
╀		7772	~	33.3	1.52	38.0
_	37,4	trac	m	33.7	30.9	36.5
-	, q.				,	

Year	All Hours	OH-Peak	Om-Peak
2006	£.Et	32.5	55.3
2007	48.0	348	62.4
2008	51.7	115	67.0
2009	3.62	24.7	35.3
2010	34.5	28.3	414
2011	34.9	÷ 0£	39.3

Year	All Hours	Off-Peak	On-Peak
2006	40.4	30.3	915
2007	46.1	33.4	6.92
2008	50.7	37.0	65.3
2009	562	24.4	35.0
2010	34.8	28.3	419
2011	35.7	5.15	40.3

NominalS/MWh

42,0	
7.62	
22	
(May 2010-April 2011 (Last 12 Mos.)	

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	35.0 28.9 4	
WAW/SOLOZ	May 2010-April 2011 (Last 12 Mos.)	 Notes:

Prices are hourly t.MP from MISO Chergy Nub. Source: MISO 2011 is year-to-date through April 30, 2011.

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CONFIDENTIAL PROPRIETARY

TRADE SECRET

CONFIDENTIAL PROPRIETARY

TRADE SECRET

Year	Index	Multiplier to 2010\$
1997	84.56	1.31
1998	85.51	1.29
1999	86.77	1.28
2000	88.65	1.25
2001	90.65	1.22
2002	92.12	1.20
2003	94.10	1.18
2004	96.77	1.14
2005	100.00	1.11
2006	103.26	1.07
2007	106.30	1.04
2008	108.62	1.02
2009	109.62	1.01
2010	110.66	1.00

Historical Inflation Table

Source: BEA NIPA Tables

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Note: Post 2010 inflation is assumed to be 2.5%

Nominal \$

	November 2010 -
	April 2011
2011	4.38
2012	4.96
2013	5.28
2014	5.54
2015	5.78

2010\$

0103	
Year	November 2010 - April 2011
2011	4.28
2012	4.72
2013	4.91
2014	5.01
2015	5.11

2011 YTD an	d Futures	
January	4.47	
February	4.06	Historical
March	3.95	nistoricar
April	4.25	1
May	4.25	
June	4.31	
July	4.38	
August	4.41	
September	4.43	Futures
October	4.49	
November	4.67	
December	4.92	
2011 Average	4.38	

Note: 2011-2015 Henry Hub futures are from November 1, 2010 to April 30, 2011 trade dates.

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Source: Bloomberg