#### BEFORE

## THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of Duke Energy) Ohio, Inc. to Establish its Fuel and () Economy Purchased Power Component of its () Market-Based Standard Service Office for () 2011. ()

In the Matter of the Application of Duke Energy) Ohio, Inc. to Establish its System Reliability ) Tracker of its Market-Based Standard Service ) Offer for 2011. Case No. 11-974-EL-FAC

Case No. 11-975-EL-RDR

# DUKE ENERGY OHIO, INC'S MOTION TO EXTEND PROTECTIVE ORDER TO PROTECT THE CONFIDENTIALITY OF INFORMATION CONTAINED IN THE DOCUMENT TITLED "MANAGEMENT/PERFORMANCE AND FINANCIAL AUDIT OF THE FUEL AND PURCHASED POWER AND SYSTEM RELIABILITY TRACKER RIDERS OF DUKE ENERGY OHIO, INC."

Comes now Duke Energy Ohio, Inc., (Duke Energy Ohio or Company) and pursuant to O.A.C. 4901-1-24(F), hereby respectfully requests an order extending the confidential treatment afforded certain pages of information submitted to the Public Utilities Commission of Ohio (Commission) contained in the document entitled "Management/Performance and Financial Audit of the Fuel and Purchased Power as Well as the System Reliability Tracker Riders of Duke Energy Ohio, Inc." (Report). Said information was afforded confidential treatment by Entry in this case dated June 12, 2012.<sup>1</sup> The initial eighteen-month period for which confidential protection was afforded

<sup>&</sup>lt;sup>1</sup> In the Matter of the Application of Duke Energy Ohio for Authority to for Authority to Establish its Fuel and Economy Purchased Power Component of its Market-Based Standard Service Offer, et al. Case No.11-974-EL-FAC, et al., (June 12, 2012).

expires on December 12, 2013.<sup>2</sup> As explained further in the accompanying memorandum in support, while some of the information that was subject to the protection afforded under the prior Entry can now be released, there remains some information which continues to warrant confidential protection. Duke Energy Ohio hereby moves to extend the protective orders issued on June 12, 2012 (Protective Order) to continue the confidential treatment of specific information included in the Report.

Duke Energy Ohio has now reviewed the Report and in the attached Memorandum in Support, sets forth its reasons why confidential treatment of certain information contained in this Report remains necessary. Respectfully submitted,

Elizabeth H. Watts (003192) Assistant General Counsel Rocco O. D'Ascenzo (0077651) Assistant General Counsel Amy B. Spiller (0047277) Deputy General Counsel

DUKE ENERGY OHIO, INC 139 East Fourth Street, 1303 Main Cincinnati, Ohio 45202

# DUKE ENERGY OHIO'S MEMORANDUM IN SUPPORT OF ITS MOTION FOR PROTECTIVE ORDER TO PROTECT THE CONFIDENTIALITY OF INFORMATION CONTAINED IN THE DOCUMENT TITLED "MANAGEMENT/PERFORMANCE AND FINANCIAL AUDIT OF THE FUEL AND PURCHASED POWER AND SYSTEM RELIABILITY TRACKER RIDERS OF DUKE ENERGY OHIO, INC."

Duke Energy Ohio respectfully requests that the Public Utilities Commission of Ohio (Commission) grant its Motion for Protective Order to Protect the Confidentiality of Information Contained in the "Management/Performance and Financial Audit of the Fuel and Purchased Power and System Reliability Tracker Riders of Duke Energy Ohio, Inc." (Report) filed in this case.

Duke Energy Ohio is an Ohio corporation with its principal office in Cincinnati, Ohio. Duke Energy Ohio is engaged in the business of supplying electric distribution service to the public in the State of Ohio. Accordingly, Duke Energy Ohio is a public utility within the meaning of that term as used in R. C. 4905.02 And 4905.03. As such, Duke Energy Ohio is subject to the jurisdiction of the Commission in the manner and to the extent provided by the laws of the State of Ohio.

R.C. 1333.61(D) provides, in pertinent part:

"Trade secret" means information, including . . . any *business information* or plans, financial information, or listing of names, addresses, or *telephone numbers*, that satisfies both of the following:

- (1) It derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use.
- (2) It is the subject of efforts that are reasonable under the circumstances to maintain its secrecy. [Emphasis added.]

Further, the Supreme Court of Ohio adopted six factors to be used in determining

whether a trade secret claim meets the statutory definition:<sup>3</sup>

- (1) The extent to which the information is known outside the business;
- (2) The extent to which it is known to those inside the business, *i.e.*, by the employees;
- (3) The precautions taken by the holder of the trade secret to guard the secrecy of the information;
- (4) The savings affected and the value to the holder in having the information as against competitors;
- (5) The amount of effort or money expended in obtaining and developing the information; and
- (6) The amount of time and expense it would take for others to acquire and duplicate the information.

The redacted information contained in the Report constitutes trade secret information in accordance with Ohio's Uniform Trade Secret Act and relevant jurisprudence. While some of the information previously afforded confidential protection may now be released due to the passage of time easing the sensitivity of the information, some of the information must still remain confidential. The chart below summarizes the subject matter of the information and specific pages that should remain protected.

<sup>&</sup>lt;sup>3</sup> State ex rel. The Plain Dealer v. Ohio Dept. of Ins. (1997), 80 Ohio St.3d 513, 524-25, 1997-Ohio-75.

Report Pages- Extend Confidential Treatment	Subject matter
pp. 22-24, 26, 28-32	Fuel Forecasting & Procurement
pp. 53-55, 66,67	Power Plant Performance
pp. 73-75	Fuel Handling & Inventory Mngmt.
pp. 96	Environmental Compliance
pp. 140,	Prior Audit Follow-up

The confidential material described above, if disclosed, would enable competitors in the wholesale power market to ascertain the manner in which Duke Energy Ohio plans, manages and operates their generating facilities, the fuel purchasing strategy, the purchase power strategy, the emission allowance strategy, the cost associated therewith, and would enable competitors to ascertain Duke Energy Ohio's positions (long and short) with respect to electric generation capabilities. Maintaining the confidentiality of this information is all the more important given that Duke Energy Ohio is obligated to transfer its ownership in legacy-owned generating assets to an unregulated affiliate by December 31, 2014.<sup>4</sup> Further, the competitively sensitive information will provide power marketing competitors with knowledge that will allow them to potentially manipulate the marketplace so as to unnecessarily cause consumers to pay more for electricity than they otherwise would.

If this information becomes public, Duke Energy Ohio will be placed at a competitive disadvantage, in among other things, reducing its ability to negotiate contracts for fuel. With the information contained in the Report, a competitor could take

<sup>&</sup>lt;sup>4</sup> In the Matter of Application of Duke Energy Ohio, Inc. for Authority to Establish a Standard Service Offer Pursuant to Sections 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, et al. (November 22, 2011)

actions that, in the absence of this information, it would not otherwise take. Such actions might include adjusting its prices, either to win contracts on which Duke Energy Ohio may also be bidding – business the competitors otherwise would not be in a position to win, or to set its prices artificially high to take advantage of an overall short market, the latter action obviously resulting in higher power prices and commodity.

The information for which Duke Energy Ohio is seeking confidential treatment is not known outside of Duke Energy Ohio, and it is not disseminated within Duke Energy Ohio except to those employees with a legitimate business need to know and act upon the information.

The public interest will be served by granting this motion. By protecting the confidentiality of the Report and its existing business plans regarding fuel purchases, purchased power, emission allowance information and contract information, the Commission will prevent undue harm to Duke Energy Ohio, consumers, as well as ensuring a sound competitive marketplace.

Duke Energy Ohio considers the Report's confidential material to be proprietary, confidential, and trade secrets, as that term is used in R. C. 1333.61. In addition, this information should be treated as confidential pursuant to R. C. 4901.16. The redacted version of the Report filed March 14, 2012 in Ohio proceedings includes the confidential material blacked out for the public.

For ease of reference, the information that the Company no longer considers confidential and that may now be made public is attached hereto and labeled as Public Document Attachment pp. 1-26 and Public Document Attachment WDW-2. This

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information includes pages 56, 63, 64, 65, 72, 76-84, 90, 97, 101, 136, 142-149 of the Report and Attachment WDW-2 filed in these proceedings.

WHEREFORE, Duke Energy Ohio respectfully requests that the Commission, pursuant to Ohio Administrative Code Section 4901-1-24(D) continue the protection by its Entry of June 12, 2012 and that the following Confidential Material in the Report remain confidential, proprietary and a trade secret under R. C. 4901.16 and 1333.61:

Respectfully submitted,

Elizabeth A. Watts (0031092) Assistant General Counsel Rocco O. D'Ascenzo (0077651) Assistant General Counsel Amy B. Spiller (0047277) Deputy General Counsel

DUKE ENERGY OHIO, INC 139 East Fourth Street, 1303 Main Cincinnati, Ohio 45202

# **CERTIFICATE OF SERVICE**

I certify that a copy of the foregoing Motion to Extend Protective Order was sent by electronic mail or first class US Mail to all parties of record and listed below this 28<sup>th</sup> day of October, 2013.

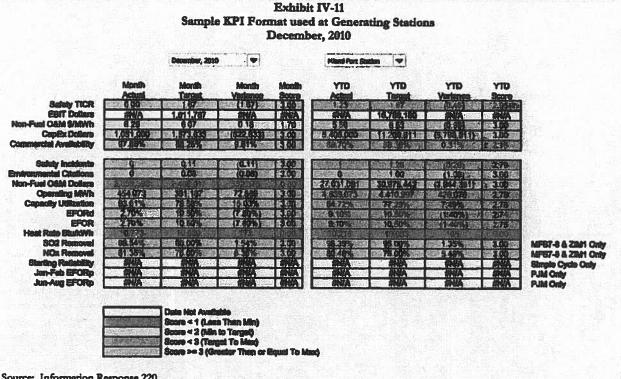
Rocco D'Ascenzo

Thomas McNamee Attorney General Office Public Utilities Commission of Ohio 180 East Broad Street, 9<sup>th</sup> Floor Columbus, OH 43215

Ohio Consumers' Counsel 10 W. Broad Street Columbus, OH 43215-3485

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Source: Information Response 220

# **Finding IV-5**

Duke Energy Ohio continues to leverage the integration of the enterprisewide eMax (Maximo) work management, PaSta work scheduling, and MyTime labor reporting systems to improve power plant performance during 2011.

Schumaker and Company consultants viewed a demonstration of the use and integration of the work management, scheduling and labor reporting systems on March 8, 2011." Exhibit IV-12 provides the process integration diagram for Maximo v6.2, known internally to Duke Energy as eMax." Exhibit IV-13 shows an example PaSta screen that is used by work planners to schedule work orders to crews." The interfaces between labor reporting and eMax and PaSta are shown in Exhibit IV-14."

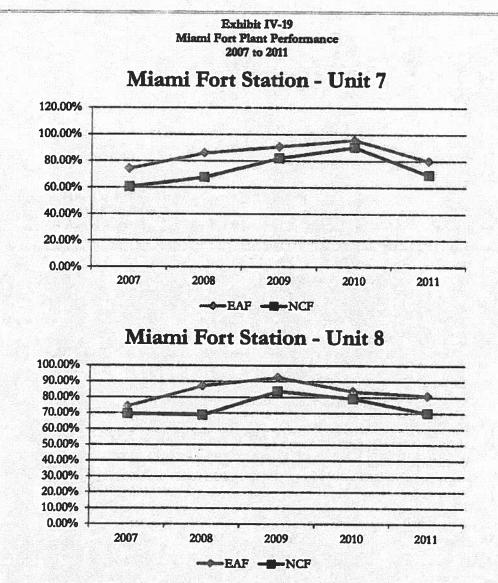


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#### Duke Energy Obio, Inc. Final Report

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Source: Information Response 48, 150, and 292

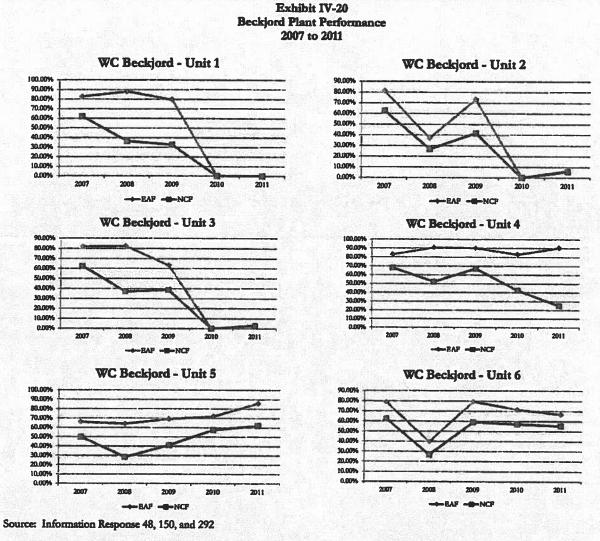
Exhibit IV-20 provides the performance of the Beckjord units.<sup>60</sup> Beckjord Units 1 through 3 are currently in an extended shutdown which began in 2010. Units 2 and 3 had to be operated for a very short period in 2011 to retain their operating licenses.<sup>60</sup> Units 4, 5 and 6 did not perform as well as Miami Fort, and the spread between the EAF and NCF would indicate that they are not "in the money" as frequently as Miami Fort. Beckjord 5 and 6 underwent planned outages during 2011.<sup>10</sup> Unit 5 and 6 Equivalent Availability Factors are near industry averages shown in Exhibit IV-22.

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#### Duke Energy Obio, Inc. Final Report



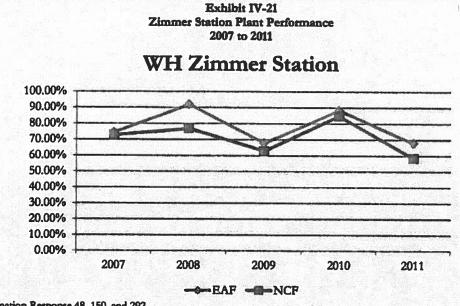
Zimmer's performance, shown in Exhibit IV-21, improved in 2010 to pre-2009 levels and achieved industry levels (1000+ MW) shown in Exhibit IV-22." 2011 levels decreased to 2009 levels mainly due to unplanned outages caused by frozen coal early in the year and super heater tube leaks later in the year."2



Schumaker & Company

Duke Energy Obio, Inc. Final Report

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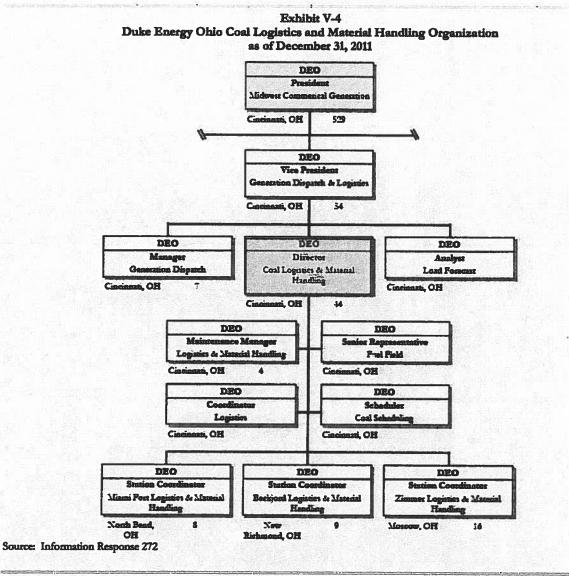
Source: Information Response 48, 150, and 292

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#### Duke Energy Obio, Inc. Final Report



The Coal Logistics and Materials Handling (CLMH) organization, with 45 employees (down from 48 in 2010), including the director, is responsible for the delivery, including maintenance of equipment, of coal and limestone from the time the commodity is loaded on barges by the vendor until it is delivered to the coal-burn bunkers or limestone-staging facilities. Specific roles within the organization are:

 Station Logistics and Material Handling is responsible for managing the barge harbor, for unloading coal and limestone barges, for managing coal inventory piles, for managing demurrage charges, and for the operation and maintenance of the material handling equipment at the plants. 2011 staffing at the plants was:



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CLMH uses a number of reports to manage and control barge traffic in order to minimize demurrage charges.<sup>126</sup>

Exhibit V-8 provides an example of the report that is used to monitor locations of coal barges supplying Duke Energy Ohio's generating stations.<sup>127</sup> Exhibit V-9, Exhibit V-10, and Exhibit V-11 shows reports used to monitor the number of barges in the harbors at Beckjord, Zimmer, and Miami Fort.<sup>128</sup>

	Maula Liao	Exhibit V-8	/Pa Dente		
		d to Monitor Coal Barges Loaded as of December 31, 2011	/ En Koute		
		Coal Barges Loaded/En Route			
		BECKJORD		1 August -	
	Current Location	Ortgin	# Barges	ETA	Barge Line
12/13	Bellaire Harbor	1 Marietta, 4 McElroy	5	12/16 PM	Ingram
	KRT Marmet	KRT Mannet - LS coal	1	12/16 PM	Ingram
	Superior Fleet	Shrewsbury	1.	12/17 AM	Ingram
	Lee Synnott	Highland/Uniontown	15	12/17 PM	Ingram
AND CARACTER	Shawneetown	Arciar	3	12/18 AM	Ingram
		ZIMMER			
	Current Location	Origin	e Bargas	TA	Barma Line
12/13	Barbara	2 McEiroy, 7 ACS	9	12/13 PM	Crounse
	Debi Sharp	ACS	15	12/14 PM	Crounse
	Jincy	ACS	1	12/14 PM	Crounse
	Laura Tambie	2 Somerville, 6 WB	8	12/15 AM	Crounse
	Big Bend	Big Bend - CBS&C	21 25 3 1 S.	12/15 PM	Crounse
	Sara Page	2 Somerville, 5 WB	7	12/17 AM	Crounse
	Mt. Vernon	Elk Creek	6	12/17 PM	Crounse
	ACS	ACS	15	12/17 PM	Crounse
	Sandy Drake	Oxford	und diving	12/17 PM	Crounse
		MIAMI FORT 7 & 8			
	Current Location	Origin	# Berges	ETA	Burgo Line
12/13	Robert C. Loedding	Shoemaker	1	12/13 PM	Ingram
	Laura Tamble	WB	7	12/14 PM	Ingram
	William E. Porter	ACS	15	12/15 PM	Ingram
	Harry R. Jacobson	Elk Creek	4	12/15 PM	Ingram
	Bellaire Harbor	Shoemaker	1	12/16 PM	Ingram
	Sara Page	Somerville	3	12/16 PM	Ingram
	Ytown	WB	1	12/16 PM	Ingram
	Mt. Vernon Fleet	Elk Creek	3	12/17 AM	Ingram

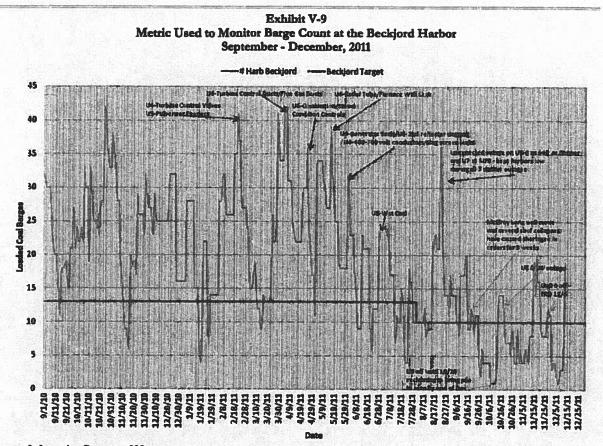
Source: Information Response 299



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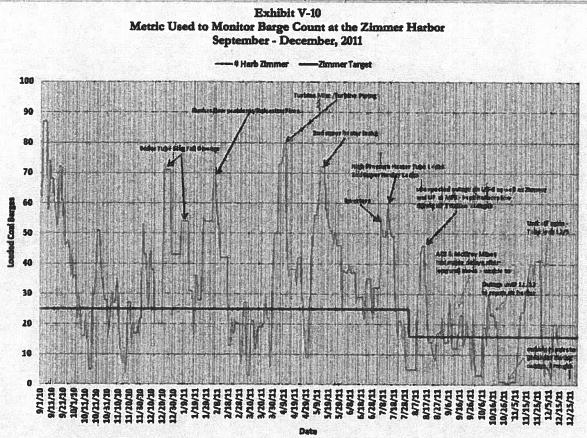


Source: Information Response 299



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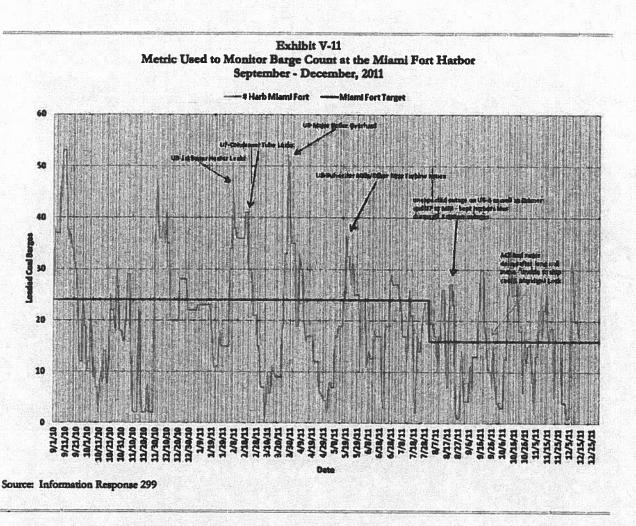
Source: Information Response 299

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### Duke Energy Obio, Inc. Final Report



## Finding V-4 The Fuel Handling and Inventory Management organization implemented comprehensive coal pile management processes during 2011.

Generally, coal is off loaded from barges and transported via conveyor directly to the burn bunkers. Coal is added to inventory piles if units are down and barges cannot be diverted or inventory is built up in anticipation of river transportation problems (high water, ice, etc.). Coal is used from the piles when unloading equipment undergoes maintenance or other conditions, such as barge delays, occur.

CLMH implement a three (3) week coal pile planning process during 2011. Exhibit V-12 provides a copy of the three (3) week plan ending December 31, 2011.<sup>129</sup>



Duke Energy Obio, Inc. Final Report

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#### Exhibit V-12 Three (3) Week Coal Pile Inventory Plans as of December 31, 2011

Source: Information Response 299

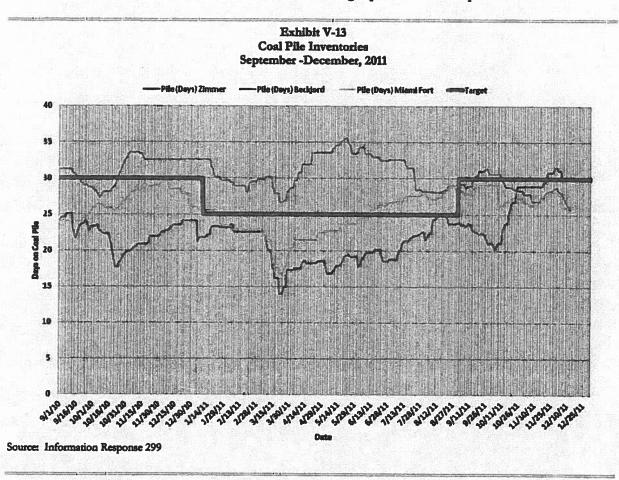


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#### Duke Energy Obio, Inc. Final Report

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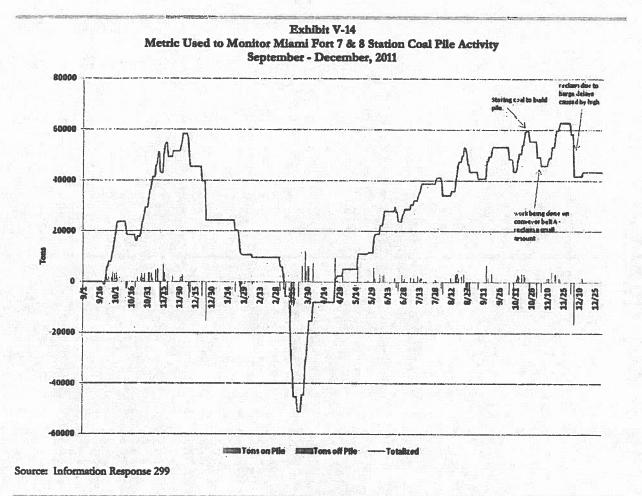


CLMH implemented daily tracking by quarter of actual coal pile inventories compared to target for each of the generating stations. Exhibit V-13 shows the tracking report for the last quarter of 2011.<sup>10</sup>

In addition, CLMH created reports of daily coal pile activity with notations of events affecting the size of the pile. *Exhibit V-14*, *Exhibit V-15*, and *Exhibit V-16* provide the 4th quarter 2011 reports for Miami Fort, Beckjord, and Zimmer stations respectively.



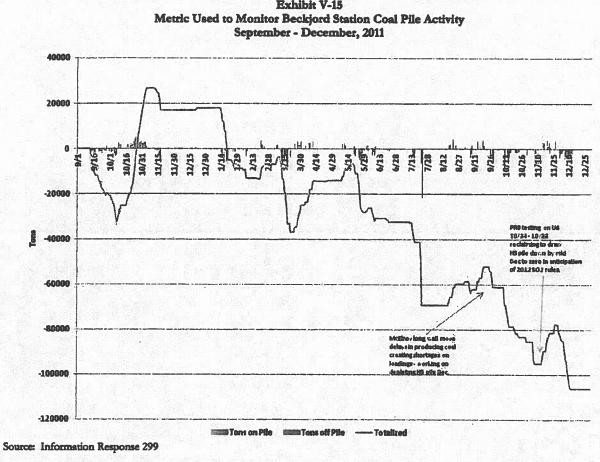
Duke Energy Obio, Inc. Final Report





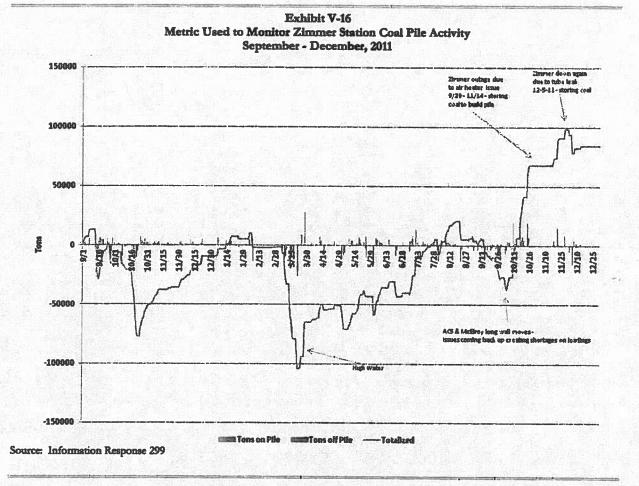
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Finding V-5 Duke Energy Ohio's total book inventory of coal was increased 2.18% (18,216 tons) in December 2011 as a result of an aerial physical coal inventory of Beckjord, Miami Fort, and Zimmer station coal piles performed during 2011.

Schumaker & Company consultants requested and analyzed the documentation of any adjustments made to book inventory as a result of a physical coal inventory during 2011. Duke Energy Ohio has used the same aerial survey process for physical coal inventory checking for a number of years:<sup>13</sup>

- Coal piles are dressed prior to fly over
- Coal piles are defined, with lime if required, the day before flyover
- Core samples from piles are taken for density at time of flyover (have not seen wide variation in density from year-to-year)
- Aerial Survey vendor calculates volumes on piles and supplies a report for each pile that includes pictures showing coal pile outline and elevations of the piles
- Adjustments, regardless of size, are booked in December of the survey year



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The results of the physical inventory survey are booked in December of the year of the aerial survey. Exhibit V-22 shows the summary of the comparison between the aerial survey results and the book value.<sup>194</sup>

COAL UNICADEDINOT ADDED	TONS	7/26/3011 10:11 AM							
COAL UNICADED NOT ADDED	TONS		7/26/2011 HETT AM	7/26/2011 10:28 AM	7/28/2011 10:03 AM	7/26/2011	Gerff, old Ser		1997 (1997) 1997 (1997) 1997 (1997)
Sector and the Policy of the Sector Sector		44.99721	20,007.50	279.243.68	278.398.30	833,723,95			
20AL RECLAINED UP TO FLIGHT	TONS+	0	0	0	0	0.00			
New Standard Annu plantation Plate State	TONS-	0	0	9	0	0.00			
CONLINECEVED UP TO FLIGHT	TONS+	cheroto () laterar		0	0	0.00			all and the second
CORRECTED BOOK AMOUNT	TOM	48,997	227.098	279.244	278.355	831.724			
BUNKER CAPACITY	TONS-	0	0	0	0	0.00	Automotive States		the second states
AMOUNT BUNKER LOW	TONS+	0	0	0	9	0.00			2010 (2010) 1002 (2010)
COAL ON PILE (BODIO)	TONE	49.557	27.008	279.544	278.385	833.724			
COAL PILE VOLUME (SURVEY)		BECILIORD HS	RECKLORD LS	HUMA FORT HS	ZNIKER	BYSYEM			and a state of the second s
MAIN PILE C DEWETY L MAIN FILE TONS	CULFT.	1,115,780.00 70.59 44.397	5,894,587.00 038 220,789	720,883.00	7,521,589,00 30,12 301,407	21,544,805,005			
The construction of the second s	CL.FT.	49.201	101.08	1/0.33/	301.407	851.940		and the second second	and a star
DENSITY L	LEAFTS			0	0	0.03			
TONS BY SURVEY			er Austrianisti New York Statistics			and and general and an	Contra Electronic		the second second
(VOL * DENS V200 1)	TONIS	-14.397	229.779	275,337	301.407	651.940			
SURVEY VS PILE DIFFERENCE	TONS	-4.590	2 701	-2907	23.612	18216	MARSHARM MARK	192 alters that	1119年月2日 1119年月2日
PERCENTVARIANCE	PCAT %	-1375	1.15%	-1.04%	8.27%	2.17%			
INVENTORY ADJUSTMENT	10448-4-	-4 590	0	0	21,012	18,432.00			
REMAINING OFFERENCE		0	2,701	-2.907	0	-208		kanangan s	
ADJUSTED PERCENT VARIANCE	CATS	2.00%	1.19%	-1.06%	0.00%	-0.02%	Arthre 28 Mars		Constanting Constanting
LAST DENSITY TEST	DATE	8/2/2010	8/2/2010	8/3/2010	8/3/2010		entre services de la composition de la Composition de la composition de la comp		
	112401			ALC THE LANS	Note: Aucera Int	arrational Provided the Aenal S	uney Services a	nd Voluma Aleg	n
2011 Aerial Survey				Exercise Corpora					

Exhibit V-22
Year-end Aerial Survey Summary of Coal Inventory
December 31, 2011

Source: Information Responses 287 (b, c, and d)

The book adjustments (tons and percent) to station coal inventories that were applied in December 2011 are shown in *Exhibit V-23.<sup>15</sup>* The Beckjord high sulfur (HS) book inventory was reduced by 4,590 tons (8.37%) while the LS (low sulfur) inventory was increased by 2,701 tons (1.19%). The Miami Fort book inventory was decreased 2,907 tons (1.04%) and the Zimmer book was increased 23,012 tons (8.27%). Duke Energy Ohio's total book inventory was increased by 18,216 tons (2.18%).<sup>12</sup>



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			Zim	Exhibit VI-3 umer Environmental Constraints as of December 31, 2011
Station	Unit	Pollutant	Limt	Corments
Zmmer	Uni 1	Cpany Particulate Particulate Particulate Particulate	20% 0.025 (bs/A/V3N 99.5% 1310 tors/jear	Compliance with the 0.025 lbs/ktht8bu PM emission limit constitutes compliance with the percent reduction requirements
		SOZ Removal	0 548 05/14/80	The first is based on a 10-day rolling overage using CEM data, The first is based on a 10-day rolling average using CEM data;
		Sully Dioude	1.0 baridVilla	The limit is based on a 3-run average using Method 6 stack testing conducted during normal operating conditions.
Note	PM = parts points poi	er mullion		

Source: Information Responses 28 and 149

Finding VI-2 Duke Energy Ohio continues to manage its emission allowances positions based on the expected burn at each of its plants.

During a tour of the Portfolio Risk Management trading floor on March 9, 2011, the emission allowances trader in the Portfolio Risk Management group provided Schumaker & Company consultants with an explanation of the process used to manage emission allowances positions.<sup>44</sup> Positions are managed based on forecasts from the Commercial Business Model (CBM) and on knowledge of current conditions. Duke Energy Ohio has been offering emission allowances to the market but the recent stability of the market has resulted in few counterparties.

Finding VI-3 Duke Energy Ohio did not receive any citations for environmental violations during 2011 and all earlier citations have been settled and no further activities are ongoing on the earlier citations.

Schumaker & Company requested and reviewed documentation of any citations or notices of violation (NOVs), including fines for environmental violations Duke Energy Ohio received during 2010. There were no additional citations in 2011. Fines paid for environmental citations are not included in the Fuel and Purchased Power (FPP).<sup>144</sup>

Finding VI-4 Duke Energy Ohio continues to monitor potential regulations that could have an impact on future operations of the coal-fired plants.

With the except of Beckjord, all of Duke Energy Ohio generating stations have under gone upgrades to the latest environmental controls in the last 10 years. The Beckjord generating stations contains some of the older, smaller generating units which have not been upgraded and in fact three of the units have been recently mothballed. At this time, the Beckjord units are currently scheduled to be retired instead of upgraded pending the final resolution of environmental regulations that are underway. Regulations for coal-burning plants continue to be a focus within the United States. The recent nuclear plant situation in Japan that resulted from an earthquake and subsequent tsunami, along with a continuing strengthening of the economy, will sharpen the discussion about sources of electric generation in the United States. Duke Energy Ohio and other utilities in the nation will ultimately be impacted.



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Ohio Soiar	2011
Requirement	(2,381)
Supply	
<b>Brought Forward</b>	254
2011 Vintage	2,268
Position	141
Non-Ohio Solar	2011
Requirement	(2,381)
Supply	al Principation
Brought Forward	1,255
2011 Vintage	3,943
Position	2,817
Ohio NonSolar	2011
Requirement	(76,986)
Supply	
Brought Forward	135,357
2011 Vintage	63,334
Position	121,705
Non-Ohio NonSolar	2011
Requirement Supply	(76,986)
Brought Forward 2011 Vintage	153,706
Position	76,720

**Exhibit VII-1** 

Notes: Brought Forward - RECs are bankable and any length after compliance can be used in subsequent years, therefore any length in the position after filling the 2011 Requirements will be carried forward to use toward the 2012 Requirements

Source: Information Response 296



		2011 Suma	10 - 10 - 12 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	it IX-16 for SRT Filings	by Quarter		
	Projected Capacity and Purchased Power Costs (Item #1)	Prior Period Costs Over/Under Collections (Item #2)	Total SRT Costs to be Recovered	Estimates of SRT Billing (Item #3)	Estimates of Net Power Costs	kWh	kW
1Q 2011	\$750,813	\$1,526,600	\$2,277,413	\$2,277,413	\$0	12,141,600,298	12,148,988
2Q 2011	\$16,985,910	\$856,585	\$17,842,495	\$15,387,708	\$2,454,787	7,927,074,341	6,540,646
3Q2011	\$922,307	\$2,454,786	\$3,377,093	\$1,777,588	\$1,599,505	5,382,302,777	3,801,400
4Q 2011	\$1,068,974	\$2,454,786	\$3,523,760	\$701,615	\$2,822,145	2,182,925,611	1,689,379

Exhibit IX-16 below illustrates the summary totals for these items used in Duke Energy Ohio's supporting documentation to its SRT tariff filings.

Source: Information Responses 197 and 249

With each quarterly filing, Duke Energy Ohio updates its estimated costs and billing based on actual results experienced on a year-to-date basis. For example, with its first quarter 2011 filing, its project data is based solely on estimated data. However, for its second quarter 2011 filing, Duke Energy Ohio has two months of actual data and 10 months of projected data. Then for its third quarter 2011 filing, Duke Energy Ohio has five months of actual data and seven months of project data.

## **Findings and Conclusions**

#### **Finding IX-4**

Schumaker & Company's review of the methodology, calculations, and accounting entries concerning the quarterly filing of the SRT rate disclosed no discrepancies\_that affected the FPP rate for 2011.

Schumaker & Company reviewed and recalculated, where appropriate, the work papers, supporting documentation, and accounting entries used to develop, report, and file the SRT rate included in PUCO filings. The mathematical accuracy of calculations was verified, entries were traced to supporting documentation, and rates were recomputed. Also, a random sample of customer bills, as shown previously in *Exhibit IX-14*, was examined to verify that the appropriate SRT rate was included on each invoice. Revenues and electricity usage were traced to monthly and annual financial reports used for external and internal purposes. A few minor formatting discrepancies were discovered, but they did not affect Duke Energy Ohio's accounting and reporting concerning the SRT rate for 2011.

## Recommendations

None



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Exhibit X-7 Metric Used to Monitor Barge Count at the Beckjord Harbor September - December, 2011 # Harb Beckjord ----- Beckjord Target 45 40 35 30 Landbed Coal Barges 15 10 5 0 OL/L/S 11/82/1 11/82/1 11/12/8 11/12/8 11/12/8 11/82/8 11/82/8 11/82/8 11/82/8 11/82/8 11/82/8 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82/81 11/82 11/01/1 11/01/E ELVEL/N 1/2/2/2 1/2/2/2 1/2/2/2 1/2/2/2 1/2/2/2 IL/DE/CL EE/6/8 LEVA/T EVELV6

The number of barges in the harbors at Beckjord, Zimmer, and Miami Fort are monitored using the metrics shown in *Exbibit X-7*, *Exbibit X-8*, and *Exbibit X-9*.<sup>20</sup>

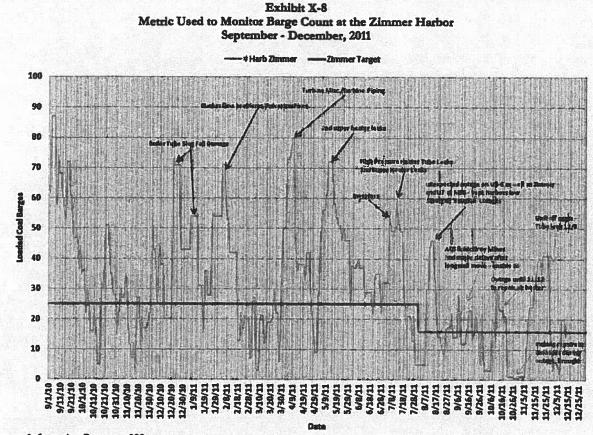
Source: Information Response 299



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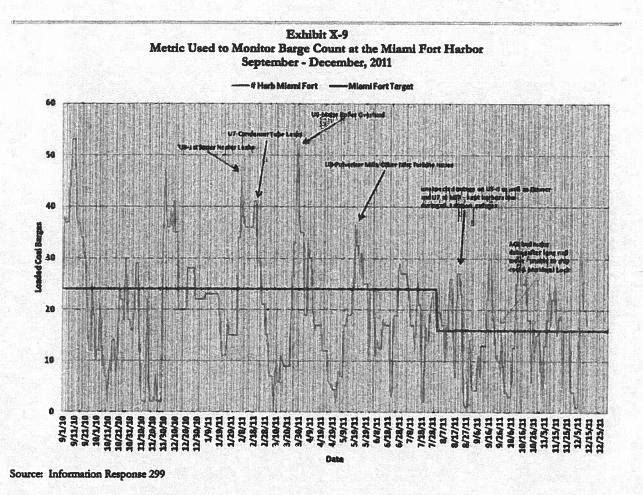
Source: Information Response 299

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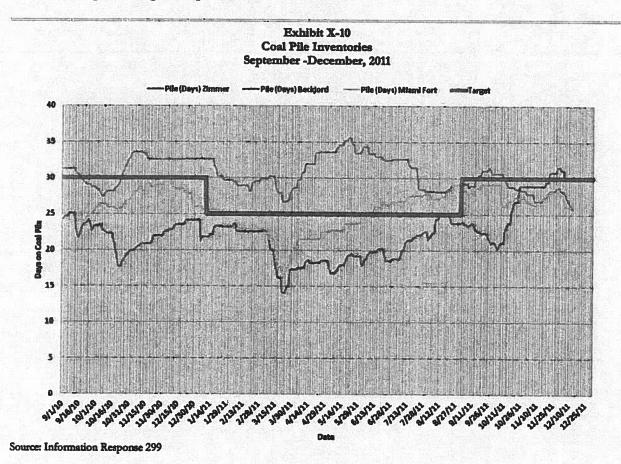
## Duke Energy Obio, Ins. Final Report

Stipulation (II) (b) (ii) - Refine process control of coal pile inventories

"Duke will continue to refine process control of coal pile inventories. The auditor for the 2011 audit report will review and report on the adequacy of Duke's implementation of this requirement. (Jt. Ex. 1 at 6.)"

Finding X-3 Duke Energy Ohio has implemented practices and metrics to control coal pile inventories.

Exhibit X-10 shows the metric that Duke Energy Ohio uses to monitor coal piles by following a three (3) week coal pile management plan shown in Exhibit X-11.<sup>22</sup>



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	(River)	HS Store	HS Reclaim (Tons)	Delivery	HS Harbor Count	Proj HS Pile	LS Burn (River)	Lå Skore	US Reclaim (Tons)	Delivery	LS Harbor Count	Proj LS PI Inv
Tuesday, December 13, 20	11 11	2	900.0	and the second second	12.0	11.004	0.0	1000000	0.0	a standard and	70	228.257
Wednesday, December 14, 20	11	\$UC	900.0	<b>ROUTE</b>	10.9	10,195	0.0	1240	0.0		70 1000	B
Thursday, December 15, 20	20.	a withinss	1600.0	194 Contracting	1.19.81	Mar Contrain	0.0	AND REPORT	0.0	· ROMAN CASH	70	1.570515
Friday, December 16, 20	1 19	a carriero	1600.0	Stor Start	7.4	COLUMN STREET	6.0	Contra	0.0	Sinetar orterio	70	238,757
Saturday, December 17, 201	1.9	Sec. all all	1600.0	16	10.9		0.0	Para United	0.0	A COLOR OF COMPANY	80	229 257
Sunday, December 18, 200	1.9		1600.0	STA SWEW	75.0	1005 7. 108	0.0	E.P	0.0		0.0	117127-2
Monday, December 19, 201	1 27	a second a	1600.0	6. (11) (12) (1	1.5.61	1005 AL 188	0.0	111	0.0	-	89	1000
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Friday, December 23, 20	Conception of the Owner designed of the	-		-	States and a state of the last	Manager and Contraction	and the second se		0.0	NAME OF COMPLETE	8.0	229,25
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Saturday, December 24, 201	the second s	N VALUE AND	50000 (657	7	12.7	O.	<u>a</u>	日本には日本	0.0		10	2001
Sunday, December 25, 201	- Andrewson and the second		MARRING MARK	EF-1/CUS	12.3	0	0.0	Steads	0.0	and the second	8.0	229.25
Monday; December 26, 201		Rep Park	老田1005月1日	01世纪2884	15.9	0	0.0	TO WE SH	0.0	と物理なられ	<b>10</b>	228,75
Tuesday, December 27, 201	and the local division of the local division of the	Pressenter	物理ないよう	時間期間	13.5	0	0.0	102303	0,0	a Massicaniano.	8.0	B 870 80
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Friday, December 30, 201	1 25	CALCHER 1	is The area	经过不能站	Sal Val	0	0.0	Alterial	0.0	T BURE CONTRACT	80	1.57.975
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					Contraction of the local division of the loc			Arriter				
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Nednesday, December 14, 2011	17 10	a pheastropants	1000	13.9	and this .		nday, Oocera		1997 X 1998 /	10	COLUMN DESCRIPTION	778.000
	10 10	A strangers		22	1.11	Thu	raday, Davera	ber 15, 2011	1.1	10	CONTRACTOR STREET	10000
	10 10	and the states	· 新聞: 「新聞		STOLENS!	T. BRISE	riday, Decern	ber 15, 2011	10 53 mm	1.5	I STATE AND INCOMES IN CALL	1 200 8.00
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and the state of t	10 10	South Party	10	41	375,753	Real Property in	nday, Decem	ber 18, 2011	53		107	200,000
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				-0.0	CLARKE		ndig, Orcem		1.0	Products - Providence	2 29.6	
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Contraction of the second s	0	S. STREWING	12		71111	N. Bergering	riday, Deceral			and the second second second	15.8	and the second

Exhibit X-11 Three (3) Week Coal Pile Inventory Plans as of December 31, 2011

Source: Information Response 299



PUCO Case No. 11-974-EL-RDR Public Document Attachment Page 24 of 26

#### Duke Energy Obio, Inc. Final Report

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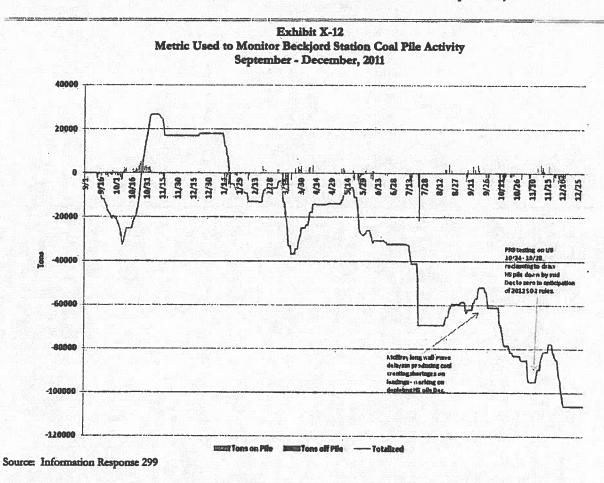


Exhibit X-12, Exhibit X-13, and Exhibit X-14 provides the metrics that are used by Duke Energy Ohio to monitor coal pile activity at Beckjord, Zimmer, and Miami Fort stations respectively.<sup>23</sup>



Duke Energy Obio, Inc. Final Report

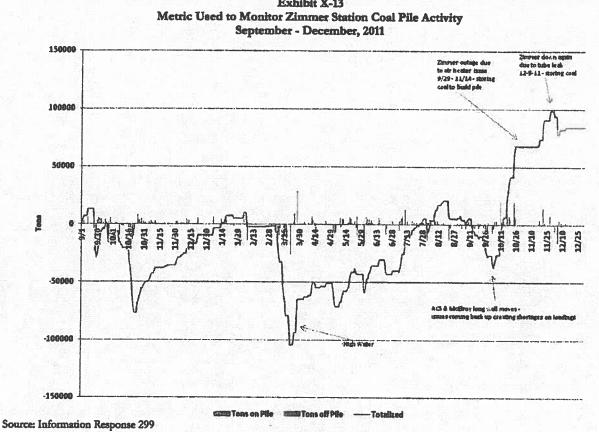
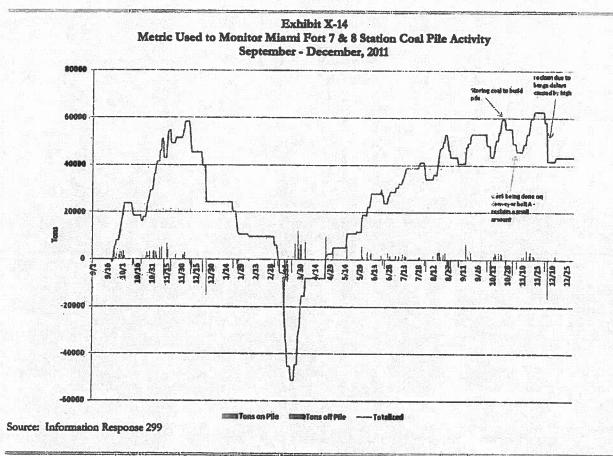


Exhibit X-13



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### Duke Energy Obio, Inc. Final Report



Schumaker & Company



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# DINKE EMERGY OHIO

DETENDIMINTION OF SYSTEM RELAKEUTY TRACKER - REDER BRT - BY RETAL, RATE GROUP Reflections recovery of estimated 2011 capacity and puschanged power cours filte, undime direged costs for the person languant tindaken decimere 2011 to be advised to clattemer an 1.3 over atmented moting dereod

and the second se	Allocated Personage Blass of System Post Distances for the Corposet's Read Reads Optimizers V	Concepts and Processon Arease Control By Bases Real Oncopy to the Control Real Oncopy to the Control Real Oncopy System Section Tracket - Effect SAT		Mike Bill Over Rider Stift Over Under Collection to In Collected from	Entiments of 2011 Mis Former Canab By Russ Rate Group to in Cotherbol Through System Reliability	ij	Eddmered Klowath Hour Sathe For The Preshe Ender	J	
Refer to the state			S	0		8°	December 51, 2010 Y	the state	e
Rutine Ray, ONLY HEC, TO, CUR	413824	\$318,210		(1924)	\$56.785		Tang to Yan		
Non-Rombindial (Detailed Below)	57.818% 100.000%	422,603							
LEE Reader Rame DB Fract 1,000 kW		107 200 10 10 10 10 10 10 10 10 10 10 10 10 1	8	COLUMN 1	B1 ABOLOBY				
Admini Par so tanun Admini an						1,029,801 17,047 572,394	2,307,421,058	8,408,341 188,488	
Total Ratio DS						40//04	927 128 Tre		
Rate 08-FL	0.580%	2.000		20,488	22.987				
10 10 10	1.070%	4,629		T2A.C.F					
Total Rodes D8, GS-FL, EH		209,412		1,442,118	089'18/'1	1.731.530	67,720,167		
3	LASH.								
81	10.750%			211,125	370,566	378,566	412,115,787		0.000919
First 1,000 kW Additional KW First 300 kMMAW Additional (Mh				(302,7805)	(006, 19)	(28,548) (21,258) (36,248) (7,226)	306,627,738 162,449,497	678,788 588,039	1002340.0- 1002360.0- 811000.0-
-memory and	and the second se	<ul> <li>The second s</li></ul>				(005°16)			
Part 60,000 KVA Part 200 biblevva Part 200 biblevva Additerrat KMA				65, 130 1	111, <b>000</b> ,111	64,270 64,270 19,480 8,050	280,334,911 280,324,975	1,280,X21 -	0.005000 0.005000 0.000000 0.000002
Listifica Beta Cenas						111,000			
NOLINE SLIT, OL, NSU, NSP. BC, SE, UOLS	2.130%	0.214		80,800	80,014	0.014	OPA CLE DET		
Total Retail	1000 MOOL	5780.813	8	1,528,800	ELATICUS	62 <i>211</i> ,413	12,141,800,288		

Rain Group PS breast on application point dominute form the Company's cost of service study in Case No. 62-1484-EU-AUR. Non-realisantial based on 12 months actual IONH embrg October 2010. See Scheddah A Based on extual seles to SFT customers for the 12 months, October 31, 2010.

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# DUKE ENERGY OHIO

DETEXIMANTION OF SYSTEM RELIABILITY TRACICER - RUSER RET - BY REFLAT. RATE GROUP REFLECTIVO RECOVERY OF EXTIMATED 2011 CLPACITY AND PURCHARED POWER COSTS (EXCLUDING ENERAY COSTS FOR THE PERSOD AMMARY THROUGH DECEMBER 2011 TO BE APPLIED TO CHSTOMER BILLE OVER A MME-MONTH JEROOP

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SRT Adjustment Poctor By Rate Group			C 000023		005385.0 0025802.0 0025002.0	0.000136		0.000003	0.000802			100-100-0		0,00040			0.00020880 0.0002088 0.0002088		ca (r	0.001131 2
	(H)				5,091,174 58,985								258,240 278,187			990'299				
Eathenthed Kilowent Hour Realso For The Rane Months Ender Ender	(D)		6,610,676,191		1,218,083,125	202,620,680		22,804,458	42,586,445		144 800 FR.		140,130,120	71,623,388			167,828,200 116,000,623			80,078,364 7 017 012 111
Alternad	6)	art 110	84/'S218		004,312 12,181 645,608	38,419	1,500,597	16,113	41,810	1,847,620	300 720		11,050 8,565 14,666	2,900	37,171	205,487	45,149 18,480	209,116		101,880
Estimatio of 2015 Estimatio of 2015 Mail Prover Conts By Result Ratio Group to Inc. Collected Through System Reflecting Trenchas-Reflect Str	(2)	5124.74A						16,113	41,610	1,047,520	386,726	1/11/20			240 110					101,040
Prior Period Rister SAT Over Under-Callections to be Collected from Customers 2/	Q	(1/0/0915)		CPC C02(1				500/D	196/19	1,008,320	459,676	(10)			248.481					\$2,454,786
Estimation Rudow SRT Buillings for January thru March 2011	0	513,961		3464,348					6-0 <sup>-0</sup>	510,617	113,784	(26,227)			28,120				18751	\$981,006
Capetity and Purchased Power Costs By Rudit Rain Group to be Collected Trough System Reliability Tracker - Riter SRT	E	911'Last	445,611	8287,586			2.61	The second s			46,634	49,001			50,765				10.204	842,2368
Allocathod Percentage Share of System Pesk Domenia for the Congary's Retail Electric Conformers V		42.302%	57.618% 100.000%	64.540%			0.660%	1.070%			10.510%	8,850%			11.280%				2.200%	100.000%
Ceescription	Retril Rath Group BR Bata Group	Rates RS, ONH, HEC, TD, CUR	Mon-Residential (Detailed Balaw)	Dis Rette Groue Raths Dis Frind 1 min univ	Additional KW First 300 KWMAW Additional KMM	Total Rate DS	Ratio 08-FL	Rate CH	Total Ration DR, CS-FL, EH		Rate CM	Reate OP Final 1,000 kW	Additional I/W First 300 km/h/J/W Additional k/Mh	Total Rate CP	Rata 75 First 50.000 KVA	Additionui kVA Fint 300 kMMkVA	Additional (NM)	Liantifha Rata Group	Ruther EL, TL, OL, NSU, NSP, SC, SE, UOLS	Total Real
34	1		N	• • •		•	ş	F	4		2	<b>2</b> 2	202	4	8.5	88	5 X	8		F 8

Facto Group RS based on applicable pass domands from the Campary's cost of earliers that of in Case No. 62-1481-EL-MR. Non-residential passed on 12 months extra NON ending December 2010.
 See Schedulus A.
 Based on actual astrone for the 9 months, December 31, 2010.

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PUCO Case No.11-974-EL-RDR	Public Document Attachment WDW-2	Page 29 of 30
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# DILINE EMERGY OHIO

DETERMINATION OF SYSTEM RELANULTY TRACKER - RIDER BRT - BY REFAL RATE GROUP REFLECTING RECOVERY OF BRTIMATED 2011 CAPACITY AND PURCHABED POWER COSTS (EVCLUDING ENERGY COSTS FOR THE PERIOD AMMARY THROUGH DECEMBER 2011 TO BE APPLIED TO CURTOMER BILLE OVER A SUX-MONTH PERIOD

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SRT Adjustment Factor By Rein Group			0.000038			0.56250	0.000440		0.000548	0.001620			0.001510	0.004800 0			0.268100 2		0.000222	X9 %	2	
E Calendar	(H)					3,006,742								54, 145 845 247			504,710					
Exchanated Exchanated-Hourr Adams For The Salas For The Ended Ended	(C)		3,878,608,780			204 KW	100,021,134		16,210,800	MEC.055.75			1/4,127,246		75,627,570 355,088,281			92,301,733 64 7827 244			21 261 MID	5,342,302,777
Abused Coperty end Coperty end Coot	(4)		\$152,214			821,158 977,7 346,870	24,305	+28/800'I	B, M22	41,262	1,063,768		ion'soo	6,900 4,107	7,029 1,361	17,826	145,407	91,949 91,949 770 81		1	64,284	497/1/1
Estimate of 2011 Mat Power Costs By Annal Rate Group to In Collected Through System Ruitability Tracker - Ridar SKT	(I)				\$1,000,024				0 <b>.0</b> 00	44,282	1,065,768	and and					190,438				84,266	81,777,588
Prior Partod Nuder SRT Over Under Collactions to be Collacted from Customers 2	6	() () () () () () () () () () () () () (			1,787,347				18,386	57,587	1,063,320	48.m	131 0671				100'062				111,437	\$2464788
Estimated Rider SKT Billings for Jerouary thru June Stri	2	140,607			A51,518,784				14,6/8	18,258	1,147,000	262,000	(4.877)								41,037	\$1,589,505
Capacity and Purchaned Power Costs By Read Reds Orough to be Collected Through System Reliability Therea: Hidae SRT (1)		\$380,622	531,415	105'2281	110/112			0 159			941,946	81/¥18	43,806			50.13					13,048	205,238
Allocatind Percentage Stars of System Peats Demands for the Company's Retail Electric Catograms (/		42.382%	67.816%	2000	44.17 <b>6%</b>			D.409%	Distor.			12.686%	0.262%			to.seess					2413%	150 000%
Description	Rachail Rustin Groups	Rations A.R. CAPIC, TD, CUR Rations R.R. CAPIC, TD, CUR	Non-Residential (Detailed Below)	DS Rith Group	Rate DS First 1,000 KW	Addithernal KUV Finat 300 KNNARAV Addithernal KUM	Tobal Rate DS	Rate GSR.	Radio Eff			Rada DAN	Rate DP Eine 4 Onn Lev	Additional INV First 300 INN-MAN	Total Rate DP	Rate 15	Free SU, OLU IVA Additional IVA Firel 300 Ionineva	Additional KMh	Cottori Routin TS	L <b>umbine Rath Group</b> Rates 81, 11, 01, NSU, NSP, AC est 1271 e		Total Resal
i i	8	_ ھ	~		-	0~0		<b>6</b>	=			5	1 ii a	961		* *	តន		2 R	36		8 8

Rate Grap FR based on applicable peak denands from the Company's cost of service study in Case No. 52-1484-EL-A.R. Non-residential based on 12 months actual KNH ending April 2011.
 See Schenduls A
 Based on actual series to SRT customers for the 6 months, Decomber 31, 2010.

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# DUKE ENERGY OHIO

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DETERMENT TO NO OF SYSTEM RELIABLITY TRACKER - RUDER SAT - SY RETAL RATE GROUP REFLECTING RECOVERY OF ESTIMATED 2011 CAPACITY AND FURCHMAED FOWER COSTS (SYCLUDING EURORY COSTS FOR THE FERMOR JANUARY THROUGH DECEMBER 2011 TO SE APPLED TO CUSTORIES AN LA OVER A THREE MONTH PERMOR

Rate Group RS brawd on applicable peet demands from the Company's cost of eerkice study in Case No. 82-1464-EL-AR. Non-residential brand on 12 months actual KNH excing July 2011.
 Res Schedule A
 Based on excisit ealer to RFT outlemant for the 3 months, December 31, 2010.

# This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

10/28/2013 1:14:27 PM

in

# Case No(s). 11-0974-EL-FAC, 11-0975-EL-RDR

Summary: Motion to Extend Protective Order to Protect the Confidentiality of Information Contained in the Document Titled "Management/Performance and Financial Audit of the Fuel and Purchased Power and System Reliability Tracker Riders of Duke Energy Ohio, Inc." electronically filed by Dianne Kuhnell on behalf of Duke Energy Ohio, Inc. and Spiller, Amy B. and Rocco D'Ascenzo