## POCO EXHIBIT FILING

Date of Hearing: 6/3/2014
Case Nos. 13-2385-EL-SSO and 13-2386-EL-AAM
PUCO Case Captions: Volume I
In the Matter of the Application of Ohio Power Company for Authority to Establish a Standard Service Offer Pursuant to $\S 4928.143$, Revised Code, in the Form of an Electric Security Plan.

In the Matter of the Application of Ohio Power Company for Approval of Certain Accounting Authority.

## List of exhibits being filed:

IEU Exhibits 3, 4, 5 and 6
OMA Exhibits 1 and 2
Staff Exhibit 1


Reporter's signature: Maned engines
Date Submitted:
6/17/14



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 the impact of such volatility on future funding requirements, accounting pronouncements periodically issued by accounting standard-setting bodies and other risks and unforeseen events, including wars, the effects of terrorism (including increased security costs), embargoes, cyber security threats and other catastrophic events.

# Bette lo Rozsa Managing Director Investor Relations 


First Quarter 2014 Highlights

| $\therefore$ Company Update |
| :--- |
| Earnings Update <br> $\checkmark \quad$Delivered GAAP and operating earnings of $\$ 1.15$ per share <br> for the first quarter 2014 <br> $\quad$Increasing 2014 operating earnings guidance range to $\$ 3.35-$ <br> $\$ 3.55$ per share <br> Financial Update |

$\checkmark$ Committed to delivering 4-6\% earnings growth off of 2013 original guidance
$\checkmark \quad$ Continuous improvement initiatives and O\&M shifting
$\checkmark$ Increasing transmission capital investment by $\$ 200 \mathrm{M}$ in 2014; \$140M to Transcos and $\$ 60 \mathrm{M}$ to Opcos

Regulatory Update
PSO - Oklahoma Base Rate Case
West Virginia/FERC - Request to transfer AEP Generation
 Virginia - Biennial Rate Review

PJM Capacity Market Update

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$\square$
AEF. $1^{\text {st }}$ Quarter Reconciliation of GAAP to Operating Earnings

$\$ 0.40$

$\$ 0.35$
\$1.15
\$1.15
$\$ 0.80$

Nertically Integrated Utilities First Quarter EPS Summary




| Transmission \＆Distribution Utilities |  |
| :--- | :---: |
|  | Rate Changes，net of <br> offsets（in millions） |
|  | 1Q14 vs．1Q13 |
| Ohio Power | $\$ 5$ |
| Texas Central | $\$ 0$ |
| Texas North | $\$ 0$ |
| TOTAL | $\$ 0.01$ |
| Impact on EPS |  |

AEF Retail Rate Performance

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| Transmission \& Distribution Utilities |  |
| :--- | :--- |
|  Retail Load* <br> (weather <br> normalized) <br>  1Q14 vs. 1Q13 <br> Ohio Power $-2.6 \%$ |  |
| Texas Wires | $8.3 \%$ |
| TOTAL | $1.2 \%$ |
| Impact on EPS | $\$ 0.00$ |



| Transmission \＆Distribution Utilities |  |
| :--- | :---: |
|  Weather Impact <br> （in millions） <br>  1Q14 vs．1Q13 |  |
| Ohio Power | $\$ 0$ |
| Texas Central | $\$ 8$ |
| Texas North | $\$ 1$ |
| TOTAL | $\$ 9$ |
| Impact on EPS | $\$ 0.01$ |


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## Weather Impact


2013A
Non-firm joint venture projects not included; high case investment is strictly related to the Transcos (no assumption for securing


## AEP Transmission Holdco



## Forecast




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－ $\stackrel{\rightharpoonup}{\omega}$. u！seбिецэ pue র্সা！！e｜on markets for capacity and electricity，coal，and other energy－related commodities，particularly changes in the price of natural gas，changes in utility regulation and the allocation of costs within regional transmission organizations，including PJM and SPP，the transition to market and the legal separation of generation in Ohio， including the implementation of ESPs and the successful approval，where applicable，and transfer of such Ohio generation assets and liabilities to regulated and non－
 Agreement，changes in the creditworthiness of the counterparties with whom we have contractual arrangements，including participants in the energy trading market，

 increased security costs），embargoes，cyber security threats and other catastrophic events．

## Investor Relations Contacts

 factors that could cause actual results to differ materially from thos patterns in ouropong 6ubeue
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This presentation contains forward－looking statements within the meaning of Section 21 E of the Securities Exchange Act of 1934．Although AEP and each
Registrant Subsidiaries believe that their expectations are based on reasonable assumptions，any such statements may be influenced by factors that could
AEP Service Territory


Overview AEP Ohio- Ohio Power Company (OPCo)
(organized in Ohio in 1907 and re-incorporated in 1924) is engaged in
the generation, transmission and distribution of electric power to
approximately $1,459,000$ retail customers in the northwestern, east
central, eastern and southern sections of Ohio, and in supplying and
marketing electric power at wholesale to other electric utility
companies, municipalities and other market participants. At December
31,2012 , OPCo had 3,131 employees. Ohio is transitioning to
competitive electricity markets for generation service. OPCo expects
corporate separation to be completed at the end of 2013 wherein all
the generation assets currently owned by OPCo will be transferred to
AEP Generation Resources and legacy OPCo will become a wires
only company. As of June 1,2015 AEP Generation Resources will be
fully competitive. OPCo is a member of PJM.


| Total Customers at 12/31/12: |  |
| :--- | ---: |
| Residential | $1,273,000$ |
| Commercial | 173,000 |
| Industrial | 10,000 |
| Other | 3,000 |
| Total | $1,459,000$ |
|  |  |




- Natural Gas:
- Hydro:
Transmission Miles
Distribution Miles

OHIO INVESTOR OWNED UTILITIES *

| Ohio | Customers |
| :--- | ---: |
| AEP Ohio | $1,435,614$ |
| FirstEnergy ** | 664,111 |
| Duke Energy Ohio | 474,243 |
| DP\&L | 484,278 |


| MAJOR CUSTOMERS: |
| :---: |
| Lima Refining Co |
| Republic Engineered Products, LLC |
| The Timken Company |
| E.I. Du Pont de Nemour |
| Eramet Marietta, Inc. |
| Kraton Polymers US, LLC |
| Glatfelter Company |
| Amsted Rail Company, Inc. |
| Globe Metallurgical, Inc. |
| (Data for year ended December 2012) |

TYPICAL BILL COMPARISON ***

| Ohio | \$/month |
| :--- | ---: |
| Duke Energy Ohio | 112.26 |
| FE (Toledo Edison) | 113.89 |
| FE (CEI) | 113.95 |
| FE (Ohio Edison) | 116.03 |
| AEP (OPCo) | 129.38 |
| DP\&L | 131.66 |
| AEP (CSPCo) | 132.68 |

$* * *$ Typical bills are displayed in $\$ /$ month, based on 1,000
kWh of residential usage. Billing amounts sourced
from the EEI Typical Bills and Average Rates Report
as of January 1,2013 . Ohio rates represent provider
of last resort bundled residential rates.

\section*{| Top 10 OPCo customers $=47 \%$ of industrial sales |
| :--- |
| Metropolitan areas account for $67 \%$ of ultimate sales |
| 169 persons per square mile (U.S. $=87$ ) |
| (Data for 12 months ended December 2012) |} $\begin{aligned} \text { Cledo } \text { Edison } & =106,547 \\ C E I & =188,592 \\ \text { Ohio Edison } & =368,972\end{aligned}$ at http://www.eia.doe.gov/cneaf/electricity/esr/esr sum.html

Generation

|  |  | Net |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Plant Name |  | Maximum |  |  |
|  |  | Capacity | Year Plant |  |
|  |  | Suits | State | Fupe |
|  |  | MW) | Commissioned |  |

1982
2001
2003
1967
1974
1953
1926
1969
1957
1971
1970
1991
1973
1957
1958
1971
1950


Ohio Power Company (to AEP Generation Resources effective 01/01/2014) Racine

Darby
Waterford
Cardinal
Natural Gas
Natural Gas
Steam - Coal
Steam - Coal
Steam - Coal Steam - Coal

Steam - Coal Steam - Coal Steam - Coal Oil

Steam - Coal Steam - Coal Stearn - Coal Steam - Coal Steam - Coal Steam-Coal

* Plants to be retired
* Plants on extended start-up: MR Unit 4, Picway Unit 5, Sporn Unit 4
** CCD Plants jointly owned by AEP Ohio, Duke, and DP\&L
*** To be transferred to APCo (Amos 3) and KPCo (50\% Mitchell)

|  |  | Net <br> Maximum <br> Capacity |  |  |
| :--- | :---: | :---: | :---: | :---: |
| Project Name | State | Contract <br> Renewable <br> Type | (MW) |  |
| Initiated |  |  |  |  |
| Fowler Ridge II | N | Wind | 100 | 2009 |
| Wyandot Solar | OH | Solar | 10 | 2010 |
| Timber Road | OH | Wind | $\mathbf{9 9}$ | 2013 |

Commissioners

## Ohio Public Utilities Commission

| Number: 5 | Appointed/Elected: Appointed | Term: 5 Years | Political Makeup: R: 2 D: $1 \mathrm{I}: 2$ |
| :--- | :--- | :--- | :--- |
| Qualifications for Commissioners |  |  |  |
| Five members, appointed by the govemor and confirmed by the state senate; five year, staggered terms, full-time positions, commissioners shall be selected |  |  |  |
| from the lists of qualified persons submitted to the governor by the PUC nominating council. Not more than three of the members of the PUCO shall be |  |  |  |
| members of the same political party. The governor appoints one of the five as chairman, who serves at the pleasure of the governor until a successor has |  |  |  |
| been designated. |  |  |  |

## AEP Regulatory Status

[^0]Debt Schedules

| Ohio Power Company | Interest | Maturity | CUSIP / PPN* | Amount |
| :---: | :---: | :---: | :---: | :---: |
| Pollution Control Bond | Floating | 07/01/2014 | 572287AT7 | \$50,000,000 |
| Pollution Control Bond | Floating | 05/1/2026 ${ }^{1}$ | 677525MQ7 | \$50,000,000 |
| Pollution Control Bond | 2.875\% | 12/01/2027 ${ }^{2}$ | 677525 TX5 | \$39,130,000 |
| Follution Control Bond | Floating | 06/1/2037 ${ }^{3}$ | 95648 VAD 1 | \$65,000,000 |
| Pollution Control Bond | 3.875\% | 12/01/2038 ${ }^{4}$ | 677525721 | \$60,000,000 |
| Pollution Control Bond | 5.800\% | 12/01/2038 | 677525TM9 | \$32,245,000 |
| Pollution Control Bond | 3.250\% | 06/01/2041 ${ }^{5}$ | 677525 TV 9 | \$79,450,000 |
| Pollution Control Bond | 3.125\% | 03/01/2043 ${ }^{6}$ | 95648 VARO | \$86,000,000 |
| TermLoan | Foating | 05/13/2015 | NA | \$200,000,000 |
| TermLoan | Foating | 05/13/2015 | NA | \$400,000,000 |
| Senior Notes | 4.850\% | 01/15/2014 | 677415CG4 | \$225,000,000 |
| Senior Notes | 6.000\% | 06/01/2016 | 677415CL3 | \$350,000,000 |
| Senior Notes | 6.050\% | 05/01/2018 | 199575AW1 | \$350,000,000 |
| Senior Notes | 5.375\% | 10/01/2021 | 677415CP4 | \$500,000,000 |
| Senior Notes | 6.600\% | 02/15/2033 | 677415CF6 | \$250,000,000 |
| Serior Notes | 6.600\% | 03/01/2033 | 199575AT8 | \$250,000,000 |
| Senior Notes | 5.850\% | 10/01/2035 | 199575AV3 | \$250,000,000 |
| Weighted Average or Total | 5.590\% |  |  | \$3,236,825,000 |
| Securitization Bond | 0.958\% | 07/01/2017 | 67741 Y AA6 | \$164,900,000 |
| Securitization Bond | 2.049\% | 07/01/2019 | 67741 Y AB4 | \$102,508,000 |
| Weighted Average or Total | 1.376\% |  |  | \$267,408,000 |
| ${ }^{1}$ Put date 11/21/2014 |  |  |  |  |
| ${ }^{2}$ Put date 08/01/2014 |  |  |  |  |
| ${ }^{3}$ Put date 07/01/2014 |  |  |  |  |
| ${ }^{4}$ Put date 06/01/2014 |  |  |  |  |
| ${ }^{5}$ Put date 06/02/2014 <br> Note: Debt schedules current as of $9 / 30 / 13$. The weighted average coupon excludes all floating |  |  |  |  |

# UNITED STATES <br> SECURITIES AND EXCHANGE COMMISSION <br> WASHINGTON, D.C. 20549 <br> FORM 10-K 

(Mark One)
凹 ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the fiscal year ended December 31, 2013

- TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the transition period from $\qquad$ to $\qquad$
I.R.S. Employer Identification

| Commission <br> File Number |
| :--- |
| $1-3525$ |
| $1-3457$ |
| $1-3570$ |
| $1-6543$ |
| $0-343$ |
| $1-3146$ |


| $\qquad$Registrants; States of Incorporation; <br> Address and Telephone Number |
| :--- |
| AMERICAN ELECTRIC POWER COMPANY, INC. (A New York Corporation) |
| APPALACHIAN POWER COMPANY (A Virginia Corporation) |
| INDIANA MICHIGAN POWER COMPANY (An Indiana Corporation) |
| OHIO POWER COMPANY (An Ohio Corporation) |
| PUBLIC SERVICE COMPANY OF OKLAHOMA (An Oklahoma Corporation) |
| SOUTHWESTERN ELECTRIC POWER COMPANY (A Delaware Corporation) |
| 1 Riverside Plaza, Columbus, Ohio 43215 |
| Telephone (614) $716-1000$ |

13-4922640
54-0124790
35-0410455
31-4271000
73-0410895
72-0323455
1 Riverside Plaza, Columbus, Ohio 43215
Telephone (614) 716-1000

Securities registered pursuant to Section 12(b) of the Act:

| Registrant | Title of each class | Name of Each Exchange on Which Registered |
| :---: | :---: | :---: |
| American Electric Power Company, Inc. | Common Stock, $\$ 6.50$ par value | New York Stock Exchange |
| Appalachian Power Company | None |  |
| Indiana Michigar Power Company | None |  |
| Ohio Power Company | None |  |
| Public Service Company of Oklahoma | None |  |
| Southwestern Electric Power Company | None |  |

Securities registered pursuant to Section 12(g) of the Act: None
temporary impairments from securities in these trust funds as adjustments to the regulatory liability account for the nuclear decommissioning trust funds and to regulatory assets or liabilities for the SNF disposal trust funds in accordance with their treatment in rates. Consequently, changes in fair value of trust assets do not affect earnings or AOCI. See the "Nuclear Contingencies" section of Note 6 for additional discussion of nuclear matters. See "Fair Value Measurements of Trust Assets for Decommissioning and SNF Disposal" section of Note 11 for disclosure of the fair value of assets within the trusts.

## Comprehensive Income (Loss)

Comprehensive income (loss) is defined as the change in equity (net assets) of a business enterprise during a period from transactions and other events and circumstances from nonowner sources. It includes all changes in equity during a period except those resulting from investments by owners and distributions to owners. Comprehensive income (loss) has two components: net income (loss) and other comprehensive income (loss).

## Stock-Based Compensation Plans

As of December 31, 2013, we had performance units and restricted stock units outstanding under the Amended and Restated American Electric Power System Long-Term Incentive Plan (LTIP). This plan was last approved by shareholders in April 2010. Upon vesting, performance units are paid in cash and restricted stock units are settled in AEP Common Shares, except for restricted stock units granted after January 1, 2013 and vesting to executive officers, which are paid in cash.

We maintain a variety of tax qualified and nonqualified deferred compensation plans for employees and nonemployee directors that include, among other options, an investment in or an investment return equivalent to that of AEP common stock. This includes career share accounts maintained under the American Electric Power System Stock Ownership Requirement Plan, which facilitates executives in meeting minimum stock ownership requirements assigned to them by the Human Resources Committee of the Board of Directors. Career shares are derived from vested performance units granted to employees under the LTIP. Career shares are equal in value to shares of AEP common stock and become payable to executives in cash after their service ends. Dividends paid on career shares are reinvested as additional career shares.

We compensate our non-employee directors, in part, with stock units under the American Electric Power Company, Inc. Stock Unit Accumulation Plan for Non-Employee Directors. These stock units become payable in cash to directors after their service ends.

In January 2006, we adopted accounting guidance for "Compensation - Stock Compensation" which requires the measurement and recognition of compensation expense for all share-based payment awards made to employees and directors, including stock options, based on estimated fair values.

We recognize compensation expense for all share-based awards with service only vesting conditions granted on or after January 2006 using the straight-line single-option method. Stock-based compensation expense recognized on the statements of income for the years ended December 31, 2013, 2012 and 2011 is based on awards ultimately expected to vest. Therefore, stock-based compensation expense has been reduced to reflect estimated forfeitures. Accounting guidance for "Compensation - Stock Compensation" requires forfeitures to be estimated at the time of grant and revised, if necessary, in subsequent periods if actual forfeitures differ from those estimates.

For the years ended December 31, 2013, 2012 and 2011, compensation expense is included in Net Income for the performance units, career shares, restricted shares, restricted stock units and the non-employee director's stock units. See Note 15 for additional discussion.

## Earnings Per Share (EPS)

Shown below are income statement amounts attributable to AEP common shareholders:

|  | Years Ended December 31, |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amounts Attributable to AEP Common Shareholders | 2013 |  | 2012 |  | 2011 |  |
|  |  |  |  | ons) |  |  |
| Income Before Extraordinary Item | \$ | 1,480 | \$ | 1,259 | \$ | 1,568 |
| Extraordinary Item, Net of Tax |  | - |  | - |  | 373 |
| Earnings Attributable to AEP Common Shareholders | \$ | 1,480 | \$ | 1,259 | \$ | 1,941 |

Basic earnings per common share is calculated by dividing net earnings available to common shareholders by the weighted average number of common shares outstanding during the period. Diluted earnings per common share is calculated by adjusting the weighted average outstanding common shares, assuming conversion of all potentially dilutive stock options and awards.

The following table presents our basic and diluted EPS calculations included on the statements of income:


There were no antidilutive shares outstanding as of December 31, 2013, 2012 and 2011.

## OPCo Revised Depreciation Rates

Effective December 1, 2011, we revised book depreciation rates for certain of OPCo's generation plants consistent with shortened depreciable lives for the generating units. This change in depreciable lives resulted in a $\$ 52$ million increase in depreciation expense in 2012.

In the fourth quarter of 2012, we impaired certain Ohio generating units (see Note 7). As a result of this impairment of the full book value of these assets, we ceased depreciation on these generating units effective December 1, 2012.

In the second quarter of 2013, we impaired Muskingum River Plant, Unit 5 (MR5). As a result of this impairment of the full book value of this generating unit, we ceased depreciation on MR5 effective July 1, 2013.

## Supplementary Related Party Information

AEP and several nonaffiliated utility companies jointly own OVEC. As of December 31, 2013, AEP's ownership and investment in OVEC were $43.47 \%$ and $\$ 4.4$ million, respectively.

OVEC's owners are members to an intercompany power agreement. Participants of this agreement are entitled to receive and obligated to pay for all OVEC generating capacity, approximately $2,200 \mathrm{MWs}$, in proportion to their respective power participation ratios. The aggregate power participation ratio of certain AEP utility subsidiaries is $43.47 \%$. The proceeds from the sale of power by OVEC are designed to be sufficient for OVEC to meet its operating expenses and fixed costs and provide a return on capital. In 2011, the intercompany power agreement was extended until June 2040.

## ANNUAL REPORT — 2012

## OHIO VALLEY ELECTRIC CORPORATION

 and subsidiaryINDIANA-KENTUCKY ELECTRIC CORPORATION

# Ohio Valley Electric Corporation 

GENERAL OFFICES, 3932 U.S. Route 23, Piketon, Ohio 45661

Ohio Valley Electric Corporation (OVEC) and its wholly owned subsidiary, Indiana-Kentucky Electric Corporation (IKEC), collectively, the Companies, were organized on October 1, 1952. The Companies were formed by investor-owned utilities furnishing electric service in the Ohio River Valley area and their parent holding companies for the purpose of providing the large electric power requirements projected for the uranium enrichment facilities then under construction by the Atomic Energy Commission (AEC) near Portsmouth, Ohio.

OVEC, AEC and OVEC's owners or their utilitycompany affiliates (called Sponsoring Companies) entered into power agreements to ensure the availability of the AEC's substantial power requirements. On October 15, 1952, OVEC and AEC executed a 25 -year agreement, which was later extended through December 3I, 2005 (DOE Power Agreement). On September 29, 2000, the DOE gave OVEC notice of cancellation of the DOE Power Agreement. On April 30, 2003, the DOE Power Agreement terminated in accordance with the notice of cancellation.

OVEC and the Sponsoring Companies signed an Inter-Company Power Agreement (ICPA) on July 10, 1953, to support the DOE Power Agreement and provide for excess energy sales to the Sponsoring Companies of power not utilized by the DOE or its predecessors. Since the termination of the DOE Power Agreement on April 30, 2003, OVEC's entire generating capacity has been available to the Sponsoring Companies under the terms of the ICPA. The Sponsoring Companies and OVEC entered into an Amended and Restated ICPA, effective as of August 11, 2011, which extends its term to June 30, 2040.

OVEC's Kyger Creek Plant at Cheshire, Ohio, and IKEC's Clifty Creek Plant at Madison, Indiana, have nameplate generating capacities of $1,086,300$ and $1,303,560$ kilowatts, respectively. These two generating stations, both of which began operation in 1955, are connected by a network of 705 circuit miles of $345,000-$ volt transmission lines. These lines also interconnect with the major power transmission networks of several of the utilities serving the area.

The current Shareholders and their respective percentages of equity in OVEC are:
Allegheny Energy, Inc. ${ }^{1}$ ..... 3.50
American Electric Power Company, Inc.* ..... 39.17
Buckeye Power Generating, LLC ${ }^{2}$ ..... 18.00
The Dayton Power and Light Company ${ }^{3}$ ..... 4.90
Duke Energy Ohio, Inc. ${ }^{4}$ ..... 9.00
Kentucky Utilities Company ${ }^{5}$ ..... 2.50
Louisville Gas and Electric Company ${ }^{5}$ ..... 5.63
Ohio Edison Company ${ }^{1}$ ..... 0.85
Ohio Power Company**6 ..... 4.30
Peninsula Generation Cooperative ${ }^{7}$ ..... 6.65
Southern Indiana Gas and Electric Company ${ }^{8}$ ..... 1.50
The Toledo Edison Company ${ }^{1}$ ..... 4.00
100.00
These investor-owned utilities comprise theSponsoring Companies and currently share the OVECpower participation benefits and requirements in thefollowing percentages:
Allegheny Energy Supply Company LLC ${ }^{1}$ ..... 3.01
Appalachian Power Company ${ }^{6}$ ..... 15.69
Buckeye Power Generating, LLC ${ }^{2}$ ..... 18.00
The Dayton Power and Light Company ${ }^{3}$ ..... 4.90
Duke Energy Ohio, Inc. ${ }^{4}$ ..... 9.00
FirstEnergy Generation, LLC ${ }^{1}$ ..... 4.85
Indiana Michigan Power Company ${ }^{6}$ ..... 7.85
Kentucky Utilities Company ${ }^{5}$ ..... 2.50
Louisville Gas and Electric Company ${ }^{5}$ ..... 5.63
Monongahela Power Company ${ }^{1}$ ..... 0.49
Ohio Power Company ${ }^{6}$ ..... 19.93
Peninsula Generation Cooperative ${ }^{7}$ ..... 6.65
Southern Indiana Gas and Electric Company ${ }^{8}$ ..... 1.50100.00

Some of the Common Stock issued in the name of:
*American Gas \& Electric Company
${ }^{* *}$ Columbus and Southerm Ohio Electric Company
Subsidiary or affiliate of:
${ }^{1}$ FirstEnergy Corp.
${ }^{2}$ Buckeye Power, Inc.
${ }^{3}$ The AES Corporation
${ }^{4}$ Duke Energy Corporation
${ }^{5}$ PPL Corporation
${ }^{6}$ American Electric Power Company, Inc.
${ }^{7}$ Wolverine Power Supply Cooperative, Inc.
${ }^{8}$ Vectren Corporation

# OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY 

## A Message from the President

Ohio Valley Electric Corporation and its subsidiary, Indiana-Kentucky Electric Corporation, observed their $60^{\text {th }}$ anniversary as corporate entities on October 1, 2012. Over the years, the companies' long-established competitive operating efficiency and performance have proved to be valuable to our owners, the Sponsoring Companies. Going forward, we will continue to focus on our values safety, operational excellence, cost controls and environmental compliance.

## Flue Gas Desulfurization (FGD) Projects

The first FGD scrubber at Kyger Creek was successfully placed into service in November 2011, and the second Kyger FGD scrubber began successful operation in February 2012. Both scrubbers continue to meet our environmental performance expectations. As designed, the Kyger Creek scrubbers achieve 98 percent sulfur dioxide $\left(\mathrm{SO}_{2}\right)$ removal efficiency.

The first Clifty Creek plant FGD system was successfully placed into service in March 2013, and the second FGD system began successful operation in May 2013. These FGDs are also designed to achieve 98 percent $\mathrm{SO}_{2}$ removal efficiency, and initial data shows that the Clifty Creek FGD systerns will perform as designed.

## Energy Sales

OVEC's use factor - the ratio of power scheduled by the Sponsoring Companies to power available - for the combined on- and off-peak periods averaged 69.4 percent in 2012 compared with 89.6 percent in 2011. The on-peak use factor averaged 82.9 percent in 2012 compared with 98.9 percent in 2011. The off-peak use factor averaged 52.4 percent in 2012 and 77.5 percent in 2011.

In 2012, OVEC delivered 10.34 million MWh to the Sponsoring Companies compared with 14.20 million MWh in 2011.

## POWER COStS

In 2012, OVEC's average power cost to the Sponsoring Companies was $\$ 62.86$ per MWh compared with $\$ 50.86$ per MWh in 2011. The total Sponsoring Company power costs were $\$ 650$ million in 2012 compared with $\$ 722$ million in 2011 . The lower energy sales in 2012 accounted for the majority of the increase in the cost per MWh in 2012. Mild weather, a soft energy market and low-cost natural gas generation were responsible for lower energy sales in 2012.

## 2013 Energy Sales Outlook

In 2013, the demand for energy remains weak as the national economy continues to recover and natural gas generation continues to compete with coal-fired generation. OVEC projects that these factors will continue to impact the Sponsors' scheduling of OVEC's power in 2013. As a result, OVEC anticipates the combined use factor for 2013 will be approximately 75 percent.

## Cost Control Initiatives

In 2012 and continuing in 2013, OVEC has been engaged in a continuous improvement initiative to control costs, improve operating performance and explore opportunities to enhance the value of the OVEC investment. This work will produce sustainable savings through OVEC's partnering with the workforce in forming change management teams.

## AVAILABILITY

In 2012, the combined equivalent availability of the five generating units at Kyger Creek and the six units at Clifty Creek was 78.9 percent compared with 83.0 percent in 2011.

## OVEC FERC ORdER 1000 COMPLIANCE

The Federal Energy Regulatory Commission (FERC) Order 1000 issued in July 2011 requires transmission providers, including OVEC, to participate in regional and interregional transmission planning. Because OVEC is not a member of a Regional Transmission Organization that provides such planning to its members, OVEC partnered with LG\&E/KU to join the Southeast Regional Transmission Planning (SERTP) group. The SERTP had been formed in 2007 by a group of utilities led by Southem Company. Working with this group, OVEC was able to submit a compliance filing to the FERC for the regional planning portion of Order 1000 in February 2013. A ruling on this filing is expected from the FERC later this summer. OVEC is currently working with the SERTP on developing a filing to address the interregional portion of Order 1000. As it did for the regional filing, the FERC has granted an extension of the interregional filing date from April until July 2013.

## DOE ARRANGEMENTS WITH OVEC

In 2012, OVEC purchased $245,994 \mathrm{MWh}$ of power and energy from other electricity suppliers for delivery and use by the Department of Energy (DOE) for its Portsmouth facility. At the request of the DOE, OVEC makes these limited purchases of power and energy under the terms and conditions of an Arranged Power Agreement with the DOE.

As ordered by the FERC, the North American Electric Reliability Corporation (NERC) registered OVEC as the load-serving entity for the DOE load at the Portsmouth facility. OVEC is working with Sponsor representatives to mitigate any impacts, other than additional NERC compliance obligation, that could result from this additional NERC registration. Discussions continue with the DOE on assuming responsibility for the remaining highvoltage substation at the facility.

## Environmental Compliance

OVEC and IKEC have a strong commitment to maintain compliance with all applicable federal, state and local environmental rules and regulations. During 2012, the Kyger Creek and Clifty Creek plants operated in compliance with their respective air emission limits, and the Companies received no notices of violation from any of the environmental
agencies responsible for overseeing the status of our environmental compliance activities.

## SAFETY

OVEC and IKEC are committed to providing a safe and healthy place to work for all employees. In 2012, the Companies continued making progress on their transition to a culture that leads with safety. Safety training on Human Performance Improvement tools was initiated in 2012 and will continue in 2013. Strong leadership and the involvement of all employees will help ensure that we achieve and sustain the desired goal of zero harm.

## Board of Directors and Officers Changes

In December 2012, James R. Haney, vice president, compliance \& regulated services and chief FERC compliance officer of FirstEnergy Services Company, was elected to serve as a director of OVEC following the resignation of Stanley F. Szwed. Also in December 2012, Charles D. Lasky, vice president, fossil fleet operations of FirstEnergy Generation, LLC, was elected a director of IKEC and appointed to the Executive Committee of OVEC and IKEC, succeeding Stanley F. Szwed. Mr. Szwed had served on the OVEC and IKEC boards and as a member of the Executive Committee of both companies since 2003. Effective March 1, 2013, Lana L. Hillebrand, senior vice president and chief administrative officer of American Electric Power Company, Inc., was elected a director of OVEC and a member of the OVEC Human Resources Committee, replacing Pablo A. Vegas. Mr. Vegas had served on the OVEC board and as a member of the Human Resources Committee since 2012.

In January 2013, Julie Sloat, senior vice president and treasurer for American Electric Power Company, Inc., was elected assistant secretary and assistant treasurer of OVEC and IKEC.


Nicholas K. Akins
President
Junc 24, 2013

## OHIO VALLEY ELECTRIC CORPORATION <br> AND SUBSIDIARY COMPANY

CONSOLIDATED BALANCE SHEETS
AS OF DECEMBER 31, 2012 AND 2011

| ASSETS | 2012 | 2011 |
| :---: | :---: | :---: |
| ELECTRIC PLANT: |  |  |
| At original cost <br> Less - - accumulated provisions for depreciation | \$1,985,645,118 | \$1,782,236,938 |
|  | 1,115,363,691 | 1,041,198,318 |
|  | 870,281,427 | 741,038,620 |
| Construction in progress | 645,484,896 | 684,076,875 |
| Total electric plant | 1,515,766,323 | 1,425,115,495 |
| CURRENT ASSETS: |  |  |
| Cash and cash equivalents | 19,924,318 | 4,752,223 |
| Accounts receivable | 36,952,825 | 40,901,450 |
| Fuel in storage | 79,550,095 | 71,696,998 |
| Materials and supplies | 27,464,418 | 27,805,915 |
| Property taxes applicable to future years | 2,503,440 | 2,521,920 |
| Emission allowances | 86,649 | 28,519 |
| Deferred tax assets | 18,302,793 | 13,213,395 |
| Income taxes receivable | 15,832,666 | 1,441,451 |
| Regulatory assets | 8,277,357 | - |
| Prepaid expenses and other | 2,168,143 | 1,907,652 |
| Total current assets | 211,062,704 | 164,269,523 |
| REGULATORY ASSETS: |  |  |
| Unrecognized postemployment benefits | 2,498,759 | 2,412,685 |
| Pension benefits | 30,561,325 | 50,922,795 |
| Postretirement benefits | 1,324,775 | 2,980,610 |
| Total regulatory assets | 34,384,859 | 56,316,090 |
| DEFERRED CHARGES AND OTHER: |  |  |
| Unamortized debt expense | 14,485,787 | 13,714,625 |
| Deferred tax assets | 22,265,884 | 31,902,804 |
| Long-term investments | 120,351,712 | 106,177,206 |
| Special deposits - restricted | 57,938,752 | - |
| Other | 103,107 | 222,482 |
| Total deferred charges and other | 215,145,242 | 152,017,117 |
| TOTAL | \$1,976,359,128 | \$1,797,718,225 |

(Continued)

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

CONSOLIDATED BALANCE SHEETS
AS OF DECEMBER 31, 2012 AND 2011

|  | 2012 | 2011 |
| :---: | :---: | :---: |
| CAPITALIZATION AND LIABILITIES |  |  |
| CAPITALIZATION: |  |  |
| Common stock, $\$ 100$ par value - authorized, 300,000 shares; outstanding, 100,000 shares in 2012 and 2011 | \$ 10,000,000 | \$ 10,000,000 |
| Long-term debt | 1,358,347,337 | 1,197,204,828 |
| Line of credit borrowings | 60,000,000 | 100,000,000 |
| Retained earnings | 5,293,968 | 4,037,278 |
| Total capitalization | 1,433,641,305 | 1,311,242,106 |
| CURRENT LIABILITIES: |  |  |
| Current portion of long-term debt | 238,138,903 | 135,797,658 |
| Accounts payable | 53,916,997 | 78,722,972 |
| Deferred revenue - advances for construction | 19,389,380 | 31,084,284 |
| Accrued other taxes | 8,651,108 | 8,811,972 |
| Regulatory liabilities | 2,586,594 | 2,973,856 |
| Accrued interest and other | 25,822,574 | 22,909,899 |
| Total current liabilities | 348,505,556 | 280,300,641 |
| COMMITMENTS AND CONTINGENCIES (Note 13) |  |  |
| REGULATORY LIABILITIES: |  |  |
| Decommissioning and demolition | 14,230,459 | 10,610,565 |
| Investment tax credits | 3,393,146 | 3,393,146 |
| Net antitrust settlement | 1,823,929 | 1,823,929 |
| Income taxes refundable to customers | 38,645,647 | 40,284,930 |
| Total regulatory liabilities | 58,093,181 | 56,112,570 |
| OTHER LIABILITIES: |  |  |
| Pension liability | 30,561,325 | 50,922,795 |
| Asset retirement obligations | 20,961,379 | 19,809,316 |
| Postretirement benefits obligation | 82,097,623 | 76,918,112 |
| Postemployment benefits obligation | 2,498,759 | 2,412,685 |
| Total other liabilities | 136,119,086 | 150,062,908 |
| TOTAL | \$1,976,359,128 | \$1,797,718,225 |

See notes to consolidated financial statements.

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

CONSOLIDATED STATEMENTS OF INCOME AND RETAINED EARNINGS FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

|  | 2012 | 2011 |
| :---: | :---: | :---: |
| OPERATING REVENUES - Sales of electric energy to: |  |  |
| Department of Energy | \$ 9,097,306 | \$ 11,643,355 |
| Sponsoring Companies | 661,721,951 | 705,294,774 |
| Total operating revenues | 670,819,257 | 716,938,129 |
| OPERATING EXPENSES: |  |  |
| Fuel and emission allowances consumed in operation | 302,925,697 | 397,543,208 |
| Purchased power | 8,552,565 | 10,912,769 |
| Other operation | 101,967,242 | 95,597,681 |
| Maintenance | 89,645,354 | 81,451,764 |
| Depreciation | 85,140,820 | 56,131,434 |
| Taxes - other than income taxes | 10,765,327 | 11,207,820 |
| Income taxes | 893,533 | 851,608 |
| Total operating expenses | 599,890,538 | 653,696,284 |
| OPERATING INCOME | 70,928,719 | 63,241,845 |
| OTHER INCOME | 10,920,111 | 10,167,078 |
| INCOME BEFORE INTEREST CHARGES | 81,848,830 | 73,408,923 |
| NTEREST CHARGES: |  |  |
| Amortization of debt expense | 4,606,617 | 1,478,943 |
| Interest expense | 74,985,523 | 69,259,876 |
| Total interest charges | 79,592,140 | 70,738,819 |
| NET INCOME | 2,256,690 | 2,670,104 |
| RETAINED EARNINGS - Beginning of year | 4,037,278 | 2,367,174 |
| CASH DIVIDENDS ON COMMON STOCK | $(1,000,000)$ | $(1,000,000)$ |
| RETAINED EARNINGS - End of year | \$ 5,293,968 | \$ 4,037,278 |

See notes to consolidated financial statements.

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

## CONSOLIDATED STATEMENTS OF CASH FLOWS

FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

|  | 2012 |  | 2011 |  |
| :---: | :---: | :---: | :---: | :---: |
| OPERATING ACTIVITIES: |  |  |  |  |
| Net income | \$ | 2,256,690 | \$ | 2,670,104 |
| Adjustments to reconcile net income to net cash provided by (used in) operating activities: |  |  |  |  |
| Depreciation |  | 85,140,820 |  | 56,131,434 |
| Amortization of debt expense |  | 4,606,617 |  | 1,478,943 |
| Deferred taxes/refundable taxes |  | 2,908,239 |  | $(1,236,767)$ |
| (Gain) on marketable securities |  | (6,345,075) |  | $(5,844,074)$ |
| Changes in assets and liabilities: |  |  |  |  |
| Accounts receivable |  | 3,948,625 |  | 3,517,008 |
| Fuel in storage |  | (7,853,097) |  | (8,859,671) |
| Materials and supplies |  | 341,497 |  | $(4,853,014)$ |
| Property taxes applicable to future years |  | 18,480 |  | $(19,920)$ |
| Emission allowances |  | $(58,130)$ |  | 612,810 |
| Income taxes receivable |  | $(14,391,215)$ |  | 12,430,808 |
| Prepaid expenses and other |  | $(260,491)$ |  | 496,868 |
| Other regulatory assets |  | 11,638,436 |  | $(43,323,464)$ |
| Other assets |  | - |  | $(117,906)$ |
| Other noncurrent assets |  | 119,375 |  | $(222,242)$ |
| Accounts payable |  | 2,571,729 |  | 13,822,449 |
| Deferred revenue - advances for construction |  | (11,694,904) |  | 16,858,709 |
| Accrued taxes |  | $(160,864)$ |  | 299,402 |
| Accrued interest and other |  | 2,912,675 |  | 235,410 |
| Other liabilities |  | $(13,943,822)$ |  | 61,025,439 |
| Other regulatory liabilities |  | 5,248,035 |  | $(8,904,125)$ |
| Net cash provided by operating activities |  | 67,003,655 |  | 96,198,201 |
| INVESTING ACTIVITIES: |  |  |  |  |
| Electric plant additions |  | $(203,169,352)$ |  | $(151,562,139)$ |
| Proceeds from sale of LT jnvestments |  | 20,342,154 |  | 26,095,488 |
| Purchases of long-term investments |  | $(86,110,337)$ |  | $(38,955,548)$ |
| Net cash used in investing activities |  | (268,937,535) |  | $(164,422,199)$ |
| FINANCING ACTIVITIES: |  |  |  |  |
| Issuance of Senior 2012 Bonds |  | 299,403,938 |  | - |
| Issuance of Senior 2010 Bonds |  | - |  | 100,000,000 |
| Loan origination cost |  | $(5,377,779)$ |  | $(3,807,975)$ |
| Repayment of Senior 2006 Notes |  | (14,730,774) |  | $(15,842,599)$ |
| Repayment of Senior $200 \%$ Notes |  | $(10,392,343)$ |  | (10,524,555) |
| Repayment of Senior 2008 Notes |  | $(10,797,067)$ |  | (12,853,086) |
| Proceeds from line of credit |  | 160,000,000 |  | 80,000,000 |
| Payments on line of credit |  | $(200,000,000)$ |  | (85,000,000) |
| Dividends on common stock |  | $(1,000,000)$ |  | $(1,000,000)$ |
| Net cash provided by financing activities |  | 217,105,975 |  | 50,971,785 |
| NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS |  | 15,172,095 |  | (17,252,213) |
| CASH AND CASH EQUIVALENTS -- Beginning of year |  | 4,752,223 |  | 22,004,436 |
| CASH AND CASH EQUIVALENTS - End of year | \$ | 19,924,318 | \$ | 4,752,223 |
| SUPPLEMENTAL DISCLOSURES: |  |  |  |  |
| Interest paid | \$ | 74,160,307 | \$ | 69,615,825 |
| Income taxes paid (received) - net | \$ | 12,504,500 | \$ | $(7,486,412)$ |
| Non-cash electric plant additions included in accounts payable at December 31 | \$ | 8,654,116 | \$ | 36,031,820 |

[^1]
## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

## 1. ORGANIZATION AND SIGNIFICANT ACCOUNTING POLICIES

Consolidated Financial Statements - The consolidated financial statements include the accounts of Ohio Valley Electric Corporation (OVEC) and its wholly owned subsidiary, Indiana-Kentucky Electric Corporation (IKEC), collectively, the Companies. All intercompany transactions have been eliminated in consolidation.

Organization - The Companies own two generating stations located in Ohio and Indiana with a combined electric production capability of approximately 2,256 megawatts. OVEC is owned by several investor-owned utilities or utility holding companies and two affiliates of generation and transmission rural electric cooperatives. These entities or their affiliates comprise the Sponsoring Companies. The Sponsoring Companies purchase power from OVEC according to the terms of the Inter-Company Power Agreement (ICPA), which has a current termination date of June 30, 2040. Approximately $27 \%$ of the Companies' employees are covered by a collective bargaining agreement that expires August 31, 2014.

Prior to 2004, OVEC's primary commercial customer was the U.S. Department of Energy (DOE). The contract to provide OVEC-generated power to the DOE was terminated in 2003 and all obligations were settled at that time. Currently, OVEC has an agreement to arrange for the purchase of power (Arranged Power), under the direction of the DOE, for resale directly to the DOE. All purchase costs are billable by OVEC to the DOE.

Rate Regulation - The proceeds from the sale of power to the Sponsoring Companies are designed to be sufficient for OVEC to meet its operating expenses and fixed costs, as well as earn a return on equity before federal income taxes. In addition, the proceeds from power sales are designed to cover debt amortization and interest expense associated with financings. The Companies have continued and expect to continue to operate pursuant to the cost plus rate of return recovery provisions at least to June 30,2040 , the date of termination of the ICPA.

The accounting guidance for Regulated Operations provides that rate-regulated utilities account for and report assets and liabilities consistent with the economic effect of the way in which rates are established, if the rates established are designed to recover the costs of providing the regulated service and it is probable that such rates can be charged and collected. The Companies follow the accounting and reporting requirements in accordance with the guidance for Regulated Operations. Certain expenses and credits subject to utility regulation or rate determination normally reflected in income are deferred on the accompanying consolidated balance sheets and are recognized in income as the related amounts are included in service rates and recovered from or refunded to customers.

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

The Companies' regulatory assets, liabilities, and amounts authorized for recovery through Sponsor billings at December 31, 2012 and 2011, were as follows:

|  | 2012 | 2011 |
| :---: | :---: | :---: |
| Regulatory assets: |  |  |
| Curent assets: |  |  |
| Lease termination costs/liquidated damages | \$ 5,225,467 | \$ |
| Unrecognized loss on coal sales | 3,051,890 | - |
| Total | 8,277,357 | - |
| Other assets: |  |  |
| Unrecognized postemployment benefits | \$ 2,498,759 | \$ 2,412,685 |
| Pension benefits | 30,561,325 | 50,922,795 |
| Postretirement benefits | 1,324,775 | 2,980,610 |
| Total | 34,384,859 | 56,316,090 |
| Total regulatory assets | \$42,662,216 | \$56,316,090 |
| Regulatory liabilities: |  |  |
| Current liabilities: |  |  |
| Deferred credit - EPA emission allowance proceeds | \$ 274,687 | \$ 269,506 |
| Advance collection of interest | 2,311,907 | 2,704,350 |
| Total | 2,586,594 | 2,973,856 |
| Other liabilities: |  |  |
| Decommissioning and demolition | \$14,230,459 | \$10,610,565 |
| Investment tax credits | 3,393,146 | 3,393,146 |
| Net antitrust settlement | 1,823,929 | 1,823,929 |
| Income taxes refundable to customers | 38,645,647 | 40,284,930 |
| Total | 58,093,181 | 56,112,570 |
| Total regulatory liabilities | \$60,679,775 | \$59,086,426 |

Regulatory Assets - Regulatory assets consist primarily of postretirement benefits, income taxes billable to customers, and pension benefits. Income taxes billable to customers are billed to customers in the period when the related deferred tax liabilities are realized. The fuel related costs, including railcar lease

# OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY 

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS <br> AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

termination costs and liquidated damages, will be billed to customers in 2013. All other regulatory assets are being recovered on a long-term basis.

Regulatory Liabilities - The regulatory liabilities classified as current in the accompanying consolidated balance sheet as of December 31, 2012, consist primarily of interest expense collected from customers in advance of expense recognition. These amounts outstanding will be credited to customer bills during 2013. Other regulatory liabilities consist primarily of income taxes refundable to customers, postretirement benefits, and decommissioning and demolition costs. Income taxes refundable to customers are credited to customer bills in the period when the related deferred tax assets are realized. The Companies' current ratemaking policy recovers postretirement benefits in an amount equal to estimated benefit accrual cost plus amortization of unfunded liabilities, if any. As a result, related regulatory liabilities are being credited to customer bills on a long-term basis. The remaining regulatory liabilities are awaiting credit to customer bills in a future period that is yet to be determined.

In 2003, the DOE terminated the DOE Power Agreement with OVEC, entitling the Sponsoring Companies to $100 \%$ of OVEC's generating capacity under the terms of the ICPA. Under the terms of the DOE Power Agreement, OVEC was entitled to receive a "termination payment" from the DOE to recover unbilled costs upon termination of the agreement. The termination payment included unbilled postretirement benefit costs. In 2003, OVEC recorded a settlement payment of $\$ 97$ million for the DOE obligation related to postretirement benefit costs. The regulatory liability for postretirement benefits recorded at December 31, 2012 and December 31, 2011, represents amounts collected in historical billings in excess of the Generally Accepted Accounting Principles net periodic benefit costs, including the DOE termination payment.

Cash and Cash Equivalents - Cash and cash equivalents primarily consist of cash and money market funds and their carrying value approximates fair value. For purposes of these statements, the Companies consider temporary cash investments to be cash equivalents since they are readily convertible into cash and have original maturities of less than three months.

Electric Plant - Property additions and replacements are charged to utility plant accounts. Depreciation expense is recorded at the time property additions and replacements are billed to customers or at the date the property is placed in service if the in-service date occurs subsequent to the customer billing. Customer billings for construction in progress are recorded as deferred revenue-advances for construction. These amounts are closed to revenue at the time the related property is placed in service. Depreciation expense and accumulated depreciation are recorded when financed property additions and replacements are recovered over a period of years through customer debt retirement billing. All depreciable property will be fully billed and depreciated prior to the expiration of the ICPA. Repairs of property are charged to maintenance expense.

Fuel in Storage, Emission Allowances, and Materials and Supplies - The Companies maintain coal, reagent, and oil inventories for use in the generation of electricity and emission allowance inventories for regulatory compliance purposes due to the generation of electricity. These inventories are valued at average cost, less reserves for obsolescence. Materials and supplies consist primarily of replacement parts necessary to maintain the generating facilities and are valued at average cost.

# OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY 

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS <br> AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

Long-Term Investments - Long-term investments consist of marketable securities that are held for the purpose of funding postretirement benefits and decommissioning and demolition costs. These securities have been classified as trading securities in accordance with the provisions of Investments - Debt and Equity Securities accounting guidance. Trading securities reflected in Long-Term Investments are carried at fair value with the unrealized gain or loss, reported in Other Income. The cost of securities sold is based on the specific identification cost method. The fair value of most investment securities is determined by reference to currently available market prices. Where quoted market prices are not available, we use the market price of similar types of securities that are traded in the market to estimate fair value. See Fair Value Measurements in Note 10. Due to tax limitations, the amounts held in the postretirement benefits portfolio have not yet been transferred to the Voluntary Employee Beneficiary Association (VEBA) trusts (see Note 8). Long-term investments primarily consist of municipal bonds, money market mutual fund investments, and mutual funds. Net unrealized gains (losses) recognized during 2012 and 2011 on securities still held at the balance sheets date were $\$ 6,250,092$ and $\$ 5,844,074$, respectively.

Special Deposits - Special deposits consist of money market mutual funds held by trustees restricted for use in specific construction projects. The fair value of special deposits at the balance sheet date was \$57,938,752.

Money market mutual funds reflected in special deposits are carried at fair value with the related investment income reported in Other Income. The cost of securities sold is based on the specific identification method. The fair value of money market mutual funds is determined by reference to currently available market prices and, as such, is considered Level $\mathbf{I}$. There were no unrealized gains or losses recognized on this portfolio during 2012.

Fair Value Measurements of Assets and Liabilities - The accounting guidance for Fair Value Measurements and Disclosures establishes a fair value hierarchy that prioritizes the inputs used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). Where observable inputs are available, pricing may be completed using comparable securities, dealer values and general market conditions to determine fair value. Valuation models utilize various inputs that include quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in inactive markets and other observable inputs for the asset or liability.

Unamortized Debt Expense - Unamortized debt expense relates to loan origination costs incurred to secure financing. These costs are being amortized using the effective yield method over the life of the related loans.

Asset Retirement Obligations and Asset Retirement Costs - The Companies recognize the fair value of legal obligations associated with the retirement or removal of long-lived assets at the time the obligations are incurred and can be reasonably estimated. The initial recognition of this liability is accompanied by a corresponding increase in depreciable electric plant. Subsequent to the initial recognition, the liability is adjusted for any revisions to the expected value of the retirement obligation (with corresponding adjustments to electric plant) and for accretion of the liability due to the passage of time.

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

These asset retirement obligations are primarily related to obligations associated with future asbestos abatement at certain generating stations and certain plant closure costs.

Balance -January I, 201 I
Accretion
Liabilities settled
Revision in cash flow estimates
Balance - December 31, 2011
Accretion
\$ 30,999,653

Liabilities settled
Revision in cash flow estimates
Balance - December 31, 2012
$\$ 20,961,379$

The revised estimated costs are recorded in the accompanying balance sheets. The asset retirement obligations originally assumed a decommissioning and demolition date consistent with the ICPA expiring in 2026. As the ICPA was extended an additional 14 years to 2040, the cash flow estimates were revised to reflect the new decommissioning and demolition date, which resulted in a decreased obligation as of December 31, 2011.

The Companies do not recognize liabilities for asset retirement obligations for which the fair value cannot be reasonably estimated. The Companies have asset retirement obligations associated with transmission assets at certain generating stations. However, the retirement date for these assets cannot be determined; therefore, the fair value of the associated liability currently cannot be estimated and no amounts are recognized in the consolidated financial statements herein.

Income Taxes - The Companies use the liability method of accounting for income taxes. Under the liability method, the Companies provide deferred income taxes for all temporary differences between the book and tax basis of assets and liabilities which will result in a future tax consequence. The Companies account for uncertain tax positions in accordance with the accounting guidance for Income Taxes.

Use of Estimates - The preparation of consolidated financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Subsequent Events - In preparing the accompanying financial statements and disclosures, the Companies reviewed subsequent events through April 10, 2013, which is the date the consolidated financial statements were issued.

OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

## 2. RELATED-PARTY TRANSACTIONS

Transactions with the Sponsoning Companies during 2012 and 2011 included the sale of all generated power to them, the purchase of Arranged Power from them and other utility systems in order to meet the Department of Energy's power requirements, contract barging services, railcar services, and minor transactions for services and materials. The Companies have Power Agreements with Louisville Gas and Electric Company, Duke Energy Ohio, Inc., The Dayton Power and Light Company, Kentucky Utilities Company, Ohio Edison Company, and American Electric Power Service Corporation as agent for the American Electric Power System Companies; and Transmission Service Agreements with Louisville Gas and Electric Company, Duke Energy Ohio, Inc., The Dayton Power and Light Company, The Toledo Edison Company, Ohio Edison Company, Kentucky Utilities Company, and American Electric Power Service Corporation as agent for the American Electric Power System Companies.

At December 31, 2012 and 2011, balances due from the Sponsoring Companies are as follows:

|  | 2012 | 2011 |
| :---: | :---: | :---: |
| Accounts receivable | $\$ 34,343,741$ | $\$ 36,650,231$ |

American Electric Power Company, Inc. and subsidiary company owned $43.47 \%$ of the common stock of OVEC as of December 31, 2012. The following is a summary of the principal services received from the American Electric Power Service Corporation as authorized by the Companies' Boards of Directors:

|  | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 1}$ |
| :--- | ---: | ---: |
| General services | $\$ 3,216,482$ | $\$ 3,656,595$ |
| Specific projects | $\underline{12,746,357}$ | $9,612,272$ |
| Total | $\underline{\$ 15,962,839}$ | $\$ 13,268,867$ |

General services consist of regular recurring operation and maintenance services. Specific projects primarily represent nonrecurring plant construction projects and engineering studies, which are approved by the Companies' Boards of Directors. The services are provided in accordance with the service agreement dated December 15, 1956, between the Companies and the American Electric Power Service Corporation.

## 3. COAL SUPPLY

The Companies have coal supply agreements with certain nonaffiliated companies that expire at various dates from the ycar 2013 through 2017. Pricing for coal under these contracts is subject to contract provisions and adjustments. The Companies currently have $94 \%$ of their 2013 coal requirements under long-term agreements of one year or greater. These contracts are based on rates in effect at the time of purchase. During 2012, OVEC failed to meet the contracted obligations relating to one coal transportation contract, which resulted in liquidated damages of $\$ 2,227,781$. These costs are payable to vendors and recoverable from the Sponsor Companies within the next 12 months and are recorded as current regulatory assets (see Note 1).

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

## 4. ELECTRIC PLANT

Electric plant at December 31, 2012 and 2011, consists of the following:

|  | 2012 | 2011 |
| :---: | :---: | :---: |
| Steam production plant | \$ 1,898,140,562 | \$1,695,243,965 |
| Transmission plant | 74,777,994 | 74,443,405 |
| General plant | 12,699,998 | 12,523,004 |
| Intangible | 26,564 | 26,564 |
|  | 1,985,645,118 | 1,782,236,938 |
| Less accumulated depreciation | 1,115,363,691 | 1,041,198,318 |
|  | 870,281,427 | 741,038,620 |
| Construction in progress | 645,484,896 | 684,076,875 |
| Total electric plant | \$1,515,766,323 | \$1,425,115,495 |

All property additions and replacements are fully depreciated on the date the property is placed in service, unless the addition or replacement relates to a financed project. The majority of financed projects placed in service over the past 5 years have been recorded to steam production plant with depreciable lives ranging from 32 to 45 years. However, as the Companies' policy is to bill in accordance with the principal billings of the debt agreements, all financed projects are being depreciated in line with principal payments on outstanding debt.

## 5. BORROWING ARRANGEMENTS AND NOTES

OVEC has an unsecured bank revolving line of credit agreement with a borrowing limit of $\$ 275$ million as of December 31, 2012, and $\$ 225$ million as of December 31, 2011. The $\$ 225$ million line of credit was renewed in June 2010, increased to $\$ 275$ million in April 2012, and has an expiration date of June 18 , 2015. At December 31, 2012 and 2011, OVEC had borrowed $\$ 60$ million and $\$ 100$ million, respectively, under this line of credit. Interest expense related to line of credit borrowings was $\$ 3,139,158$ in 2012 and $\$ 2,216,871$ in 2011 . During 2012 and 2011, OVEC incurred annual commitment fees of $\$ 412,458$ and $\$ 573,958$, respectively, based on the borrowing limits of the line of credit.

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

## 6. LONG-TERM DEBT

The following amounts were outstanding at December 31, 2012 and 2011:

|  | Interest |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Rate |  | 2012 |  | 2011 |
| Senior 2006 Notes: |  |  |  |  |  |
| 2006A due February 15, 2026 | $5.80 \%$ | \$ | 292,095,074 | \$ | 306,042,656 |
| 2006B due June 15, 2040 | 6.40 |  | 61,252,481 |  | 62,035,673 |
| Senior 2007 Notes: |  |  |  |  |  |
| 2007A-A due February 15, 2026 | 5.90 |  | 132,475,263 |  | 138,983,105 |
| 2007A-B due February 15, 2026 | 5.90 |  | 33,362,594 |  | 35,001,279 |
| 2007A-C due February 15, 2026 | 5.90 |  | 33,628,247 |  | 35,279,980 |
| $2007 \mathrm{~B}-\mathrm{A}$ due June 15, 2040 | 6.50 |  | 30,609,314 |  | 31,003,872 |
| $2007 \mathrm{~B}-\mathrm{B}$ due June 15, 2040 | 6.50 |  | 7,708,654 |  | 7,808,021 |
| $2007 \mathrm{~B}-\mathrm{C}$ due June 15, 2040 | 6.50 |  | 7,770,034 |  | 7,870,192 |
| Senior 2008 Notes: |  |  |  |  |  |
| 2008A due February 15, 2026 | 5.92 |  | 41,334,943 |  | 43,362,126 |
| 2008B due February 15, 2026 | 6.71 |  | 83,014,206 |  | 86,898,218 |
| 2008C due February 15, 2026 | 6.71 |  | 84,578,521 |  | 88,408,080 |
| 2008D due June 15, 2040 | 6.91 |  | 44,242,121 |  | 44,765,728 |
| 2008 E due June 15, 2040 | 6.91 |  | 45,010,851 |  | 45,543,556 |
| Series 2009 Notes: |  |  |  |  |  |
| 2009A due February 15, 2013 | 1.96 |  | 100,000,000 |  | 100,000,000 |
| Series 2009 Bonds: |  |  |  |  |  |
| 2009A due February 1, 2026 | 0.11 |  | 25,000,000 |  | 25,000,000 |
| 2009B due February 1, 2026 | 0.11 |  | 25,000,000 |  | 25,000,000 |
| 2009C due February 1, 2026 | 0.12 |  | 25,000,000 |  | 25,000,000 |
| 2009D due February 1, 2026 | 0.12 |  | 25,000,000 |  | 25,000,000 |
| 2009E due October 1, 2019 | 5.63 |  | 100,000,000 |  | 100,000,000 |
| Series 2010 Bonds: |  |  |  |  |  |
| 2010A due June 29, 2014 | 1.48 |  | 50,000,000 |  | 50,000,000 |
| 2010B due June 29, 2016 | 1.48 |  | 50,000,000 |  | 50,000,000 |
| Series 2012 Bonds: |  |  |  |  |  |
| 2012A due June 1, 2032 | 4.95 |  | 77,091,234 |  | - |
| 2012A due June 1, 2039 | 5.05 |  | 122,312,703 |  | - |
| 2012B due June 1, 2040 | 0.12 |  | 50,000,000 |  | - |
| 2012C due June 1, 2040 | 0.11 |  | 50,000,000 |  | - |
| Total debt |  |  | 1,596,486,240 |  | 1,333,002,486 |
| Current portion of long-term debt |  |  | 238,138,903 |  | 135,797,658 |
| Total long-term debt |  |  | 1,358,347,337 |  | 1,197,204,828 |

All of the OVEC amortizing unsecured senior notes have maturities scheduled for February 15, 2026, or June 15,2040 , as noted in the previous table.

# OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY 

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS <br> AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

During 2009, OVEC issued $\$ 100$ million variable rate non-amortizing unsecured senior notes (2009A Notes) in private placement, a series of four $\$ 25$ million variable rate non-amortizing tax exempt pollution control bonds ( $2009 \mathrm{~A}, \mathrm{~B}, \mathrm{C}$, and D Bonds), and $\$ 100$ million fixed rate non-amortizing tax exempt pollution control bonds ( 2009 E Bonds). The variable rates listed above reflect the interest rate in effect at December 31, 2012.

The 2009 Series A, B, C, and D Bonds are secured by irrevocable transferable direct-pay letters of credit, expiring August 12, 2013, and August 21, 2013, issued for the benefit of the owners of the bonds. The interest rate on the bonds are adjusted weekly, and bondholders may require repurchase of the bonds at the time of such interest rate adjustments. OVEC has entered into an agreement to provide for the remarketing of the bonds if such repurchase is required. The 2009A, B, C, and D Series Bonds are current, as they are callable at any time.

In December 2010, OVEC established a borrowing facility under which OVEC borrowed, in 2011, $\$ 100$ million variable rate bonds due February 1, 2040. In June 2011, the $\$ 100$ million variable rate bonds were issued as two $\$ 50$ million non-amortizing pollution control revenue bonds (Series 2010A and 2010 B ) in a short-term bank arrangement for three years and five years, respectively.

During 2012, OVEC issued $\$ 200$ million fixed rate tax-exempt midwestern disaster relief revenue bonds (2012A Bonds) and two series of $\$ 50$ million variable rate tax-exempt midwestem disaster relief revenue bonds (2012B and 2012C Bonds). The 2012A, 2012B, and 2012C Bonds will begin amortizing June 1, 2027, to their respective maturity dates. The variable rates listed above reflect the interest rate in effect at December 31, 2012.

The 2012B and 2012C Bonds are secured by irrevocable transferable direct-pay letters of credit, expiring Jure 28, 2014, and June 28, 2015, issued for the benefit of the owners of the bonds. The interest rates on the bonds are adjusted weekly, and bondholders may require repurchase of the bonds at the time of such interest rate adjustments. OVEC has entered into agreements to provide for the remarketing of the bonds if such repurchase is required. The 2012B and 2012C Bonds are current, as they are callable at any time.

In 2013, the $\$ 100$ million 2009A Notes were retired on February 15 , 2013, with funding from the issuance of $\$ 100$ million 2013A variable rate non-amortizing unsecured senior notes (2013A Notes). The 2013A Notes mature on February 15, 2018. As a result, the 2009A Notes are excluded from current liabilities and classified as long term at December 31, 2012.

The annual maturities of long-term debt as of December 31, 2012, are as follows:

| 2013 | $\$ 8,138,903$ |
| :--- | ---: |
| 2014 | $90,496,382$ |
| 2015 | $43,000,194$ |
| 2016 | $95,559,472$ |
| 2017 | $48,483,907$ |
| $2018-2040$ | $1,280,807,382$ |
|  |  |
| Total | $\$ 1,596,486,240$ |

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

## 7. INCOME TAXES

OVEC and IKEC file a consolidated federal income tax return. The effective tax rate varied from the statutory federal income tax rate due to differences between the book and tax treatment of various transactions as follows:

|  | 2012 | 2011 |
| :---: | :---: | :---: |
| Income tax expense at $35 \%$ statutory rate | \$1,102,283 | \$1,232,599 |
| State income taxes - net of federal benefit | 549 | $(181,531)$ |
| Temporary differences flowed through to customer bills | $(224,609)$ | $(228,753)$ |
| Permanent differences and other | 15,310 | 29,293 |
| Income tax provision | \$ 893,533 | \$ 851,608 |
| Effective tax rate | 28.4 \% | 24.2 \% |

Components of the income tax provision were as follows:

|  | 2012 | 2011 |
| :---: | :---: | :---: |
| Current income tax (benefit)/expense | \$ (9,609,247) | \$ 5,004,517 |
| Deferred income tax expense/(benefit) | 10,502,780 | (4,152,909) |
| Total income tax provision | \$ 893,533 | \$ 851,608 |

OVEC and IKEC record deferred tax assets and liabilities based on differences between book and tax basis of assets and liabilities measured using the enacted tax rates and laws that will be in effect when the differences are expected to reverse. Deferred tax assets and liabilities are adjusted for changes in tax rates. The deferred tax assets recorded in the accompanying consolidated balance sheets consist primarily of the net deferred taxes on depreciation, postretirement benefits obligation, asset retirement obligations, regulatory assets, and regulatory liabilities.

To the extent that the Companies have not reflected credits in customer billings for deferred tax assets, they have recorded a regulatory liability representing income taxes refundable to customers under the applicable agreements among the parties. The regulatory liability was $\$ 38,645,647$ and $\$ 40,284,930$ at December 31, 2012 and 2011, respectively.

# OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY 

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

Deferred income tax assets (liabilities) at December 31, 2012 and 2011, consisted of the following:

|  | 2012 | 2011 |
| :---: | :---: | :---: |
| Deferred tax assets: |  |  |
| Deferred revenue - advances for construction | \$ 6,789,730 | \$ 10,967,289 |
| AMT credit carryforwards | 2,574,572 | 2,574,572 |
| Federal net operating loss | 9,392,878 | - |
| Postretirement benefit obligation | 28,748,763 | 27,328,379 |
| Pension liability | 9,207,805 | 16,511,400 |
| Postemployment benefit obligation | 875,010 | 851,254 |
| Asset retirement obligations | 7,340,209 | 6,989,207 |
| Miscellaneous accruals | 2,742,592 | 2,833,433 |
| Regulatory liability - investment tax credits | 1,188,204 | 1,197,184 |
| Regulatory liability - net antitrust settlement | 638,700 | 643,527 |
| Regulatory liability - asset retirement costs | 4,983,191 | 3,743,665 |
| Regulatory liability - income taxes refundable to customers | 13,844,317 | 14,613,570 |
| Total deferred tax assets | 88,325,971 | 88,253,480 |
| Deferred tax liabilities: |  |  |
| Prepaid expenses | $(622,408)$ | $(587,327)$ |
| Electric plant | $(29,477,415)$ | $(19,226,351)$ |
| Unrealized gain/loss on marketable securities | $(5,616,658)$ | (3,453,921) |
| Regulatory asset - postretirement benefits | $(463,906)$ | $(1,051,631)$ |
| Regulatory asset -- pension benefits | $(10,701,897)$ | $(17,966,797)$ |
| Regulatory asset - unrecognized postemployment benefits | $(875,010)$ | $(851,254)$ |
| Total deferred tax liabilities | $(47,757,294)$ | $(43,137,281)$ |
| Deferred income tax assets | \$40,568,677 | \$45,116,199 |
| Current deferred income taxes | \$ 18,302,793 | \$ 13,213,395 |
| Non-current deferred income taxes | 22,265,884 | 31,902,804 |

The accounting guidance for Income Taxes addresses the determination of whether the tax benefits claimed or expected to be claimed on a tax return should be recorded in the financial statements. Under this guidance, the Companies may recognize the tax benefit from an uncertain tax position only if it is more likely than not that the tax position will be sustained on examination by the taxing authorities, based on the technical merits of the position. The tax benefits recognized in the financial statements from such a position are measured based on the largest benefit that has a greater than fifty percent likelihood of being realized upon ultimate settlement. The Companies have not identified any uncertain tax positions as of December 31, 2012 and 2011, and accordingly, no liabilities for uncertain tax positions have been recognized.

# OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY 

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS <br> AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

On March 23, 2010, President Obama signed into law the Patient Protection and Affordable Care Act (the PPAC Act). The PPAC Act is a comprehensive health care reform bill that includes revenue-raising provisions of nearly $\$ 400$ billion over 10 years through tax increases on high-income individuals, excise taxes on high-cost group health plans, and new fees on selected health-care-related industries. In addition, on March 30, 2010, President Obama signed into law the reconciliation measure, which modifies certain provisions of the PPAC Act.

An employer offering retiree prescription drug coverage that is at least as valuable as Medicare Part D coverage is currently entitled to a federal retiree drug subsidy. Employers can currently claim a deduction for the entire cost of providing the prescription drug coverage even though a portion of the cost is offset by the subsidy they receive. However, the PPAC Act repealed the current rule permitting a deduction of the portion of the drug coverage expense that is offset by the Medicare Part D subsidy. This provision of the PPAC Act as modified by the reconciliation measure is effective for taxable years beginning after December 31, 2012.

During 2012, the passage of the PPAC Act resulted in a reduction of the postemployment benefits deferred tax asset of approximately $\$ 80,000$ and a reduction to the related regulatory liability (income taxes refundable to customers) of approximately $\$ 80,000$.

The Companies file income tax returns with the Intemal Revenue Service and the states of Ohio, Indiana, and the Commonwealth of Kentucky. The Companies are no longer subject to federal tax examinations for tax years 2007 and earlier. The Companies are currently under audit by the Intemal Revenue Service for the tax years ended December 31, 2008 through December 31, 2011. The Companies are no longer subject to State of Indiana tax examinations for tax years 2007 and earlier. The Companies are no longer subject to Ohio and the Commonwealth of Kentucky examinations for tax years 2006 and earlier.

## 8. PENSION PLAN, OTHER POSTRETIREMENT AND POSTEMPLOYMENT BENEFITS

The Companies have a noncontributory qualified defined benefit pension plan (the Pension Plan) covering substantially all of their employees. The benefits are based on years of service and each employee's highest consecutive 36 -month compensation period. Employees are vested in the Pension Plan after five years of service with the Companies.

Funding for the Pension Plan is based on actuarially determined contributions, the maximum of which is generally the amount deductible for income tax purposes and the minimum being that required by the Employee Retirement Income Security Act of 1974 (ERISA), as amended. The full cost of the pension benefits and related obligations has been allocated to OVEC and IKEC in the accompanying consolidated financial statements. The allocated amounts represent approximately a $57 \%$ and $43 \%$ split between OVEC and IKEC, respectively, as of December 31, 2012, and approximately a $56 \%$ and $44 \%$ split for OVEC and IKEC, respectively, as of December 31, 2011. The Pcrision Plan's assets as of December 31, 2012 consist of investments in equity and debt securities.

In addition to the Pension Plan, the Companies provide certain bealth care and life insurance benefits (Other Postretirement Benefits) for retired employees. Substantially all of the Companies' employees become eligible for these benefits if they reach retirement age while working for the Companies. These and similar benefits for active employees are provided through employer funding and insurance policies.

# OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY 

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

In December 2004, the Companies established Voluntary Employee Beneficiary Association (VEBA) trusts. In January 2011, the Companies established an IRC Section 401(h) account under the Pension Plan.

All of the trust funds' investments for the pension and postemployment benefit plans are diversified and managed in compliance with all laws and regulations. Management regularly reviews the actual asset allocation and periodically rebalances the investments to targeted allocation when appropriate. The investments are reported at fair value under the Fair Value Measurements and Disclosures accounting guidance.

All benefit plan assets are invested in accordance with each plan's investment policy. The investment policy outlines the investment objectives, strategies, and target asset allocations by plan. Benefit plan assets are reviewed on a formal basis each quarter by the OVEC/IKEC Qualified Plan Trust Committee.

The investment philosophies for the benefit plans support the allocation of assets to minimize risks and optimize net returns.

Investment strategies include:

- Maintaining a long-term investment horizon.
- Diversifying assets to help control volatility of returns at acceptable levels.
- Managing fees, transaction costs, and tax liabilities to maximize investment earnings.
- Using active management of investments where appropriate risk/return opportunities exist.
- Keeping portfolio structure style neutral to limit volatility compared to applicable benchmarks.

The target asset allocation for each portfolio is as follows:
Pension Plan Assets
Target
Domestic equity ..... 15.0 \%
International and global equity ..... 15.0
Fixed income ..... 70.0
VEBA Plan Assets ..... Target
Domestic equity ..... 20.0 \%
Intemational and global equity ..... 20.0
Fixed income ..... 57.0
Cash ..... 3.0

Each benefit plan contains various investment limitations. These limitations are described in the investment policy statement and detailed in customized investment guidelines or documented by mutual fund prospectus. These investment guidelines require appropriate portfolio diversification and define security concentration limits. Each investment manager's portfolio is compared to an appropriate diversified benchmark index.

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS <br> AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

Equity investment limitations:

- No secunity in excess of $5 \%$ of all equities.
- Cash equivalents must be less than $10 \%$ of each investment manager's equity portfolio.
- Individual securities must be less than $15 \%$ of each manager's equity portfolio.
- No investment in excess of $5 \%$ of an outstanding class of any company.
- No securities may be bought or sold on margin or other use of leverage.
- As otherwise defined by fund prospectus.

Fixed Income Limitations - As of December 31, 2012, the Pension Plan fixed income allocation consists of managed accounts composed of U.S. Government, corporate, and municipal obligations. The VEBA benefit plans' fixed income allocation is composed of a variety of fixed income managed accounts and mutual funds. Investment limitations for these fixed income funds are defined by manager prospectus.

Cash Limitations -- Cash and cash equivalents are held in each trust to provide liquidity and meet shortterm cash needs. Cash equivalent funds are used to provide diversification and preserve principal. The underlying holdings in the cash funds are investment grade money market instruments, including money market mutual funds, certificates of deposit, treasury bills, and other types of investment-grade short-term debt securities. The cash funds are valued each business day and provide daily liquidity. Projected Pension Plan and Other Postretirement Benefits obligations and funded status as of December 31, 2012 and 2011, are as follows:

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

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See Note 1 for information regarding regulatory assets related to the Pension Plan and Other Postretirement Benefits plan.

On December 8, 2003, the President of the United States of America signed into law the Medicare Prescription Drug, Improvement and Modernization Act of 2003 (the Act). The Act introduced a prescription drug benefit to retirees as well as a federal subsidy to sponsors of retiree health care benefit plans that provide a prescription drug benefit that is actuarially equivalent to the benefit provided by Medicare. The Companies believe that the coverage for prescription drugs is at least actuarially equivalent to the benefits provided by Medicare for most current retirees because the benefits for that group substantially exceed the benefits provided by Medicare, thereby allowing the Companies to qualify for the subsidy. The Companies' employer contributions for Other Postretirement Benefits in the above table are net of subsidies received of $\$ 323,844$ and $\$ 503,422$ for 2012 and 2011 , respectively. The Companies have accounted for the subsidy as a reduction of the benefit obligation detailed in the above table. The benefit obligation was reduced by approximately $\$ 0$ and $\$ 500,000$ as of December 31, 2012 and 2011, respectively. See Note 7 for changes in the tax law surrounding the new health care bill.

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

The accumulated benefit obligation for the Pension Plan was $\$ 167,595,378$ and $\$ 154,437,821$ at December 31, 2012 and 2011, respectively.

Components of Net Periodic Benefit Cost - The Companies record the expected cost of Other Postretirement Benefits over the service period during which such benefits are earned.

Pension expense is recognized as amounts are contributed to the Pension Plan and billed to customers. The accumulated difference between recorded pension expense and the yearly net periodic pension expense, as calculated under the accounting guidance for Compensation - Retirement Benefits, is billable as a cost of operations under the ICPA when contributed to the pension fund. This accumulated difference has been recorded as a regulatory asset in the accompanying consolidated balance sheets

|  | Pension Plan |  | Other Postretirement Benefits |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2012 | 2011 | 2012 | 2011 |
| Service cost | \$ 7,050,298 | \$ 5,235,212 | \$ 6,411,493 | \$ 4,318,132 |
| Interest cost | 8,383,604 | 7,862,149 | 7,442,065 | 6,727,007 |
| Expected return on plan assets | (8,522,609) | $(7,693,957)$ | $(5,516,937)$ | $(5,282,524)$ |
| Amortization of prior service cost | 189,437 | 189,437 | $(379,000)$ | $(379,000)$ |
| Recognized actuarial loss | 2,086,365 | - | 1,577,730 | $(133,988)$ |
| Total benefit cost | 9,187,095 | 5,592,841 | 9,535,351 | 5,249,627 |
| Pension and other postretirement benefits expense recognized in the consolidated statements of income and retained earnings and |  |  |  |  |
| billed to Sponsoring Companies under the ICPA | \$ 5,500,000 | \$6,100,000 | \$ 5,500,000 | \$ 4,908,485 |

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
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The following table presents the classification of Pension Plan assets within the fair value hierarchy at December 31, 2012 and 2011:


## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

The following table presents the classification of VEBA and 401 (h) account assets within the fair value hierarchy at December 31, 2012 and 2011:

|  | Fair Value Measurements at Reporting Date Using |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2012 | Quoted Prices in Active Market for Identical Assets (Level 1) | Significant Other Observable Inputs (Level 2) |  | Significant Unobservable Inputs (Level 3) |  |
| Domestic equity | \$ 21,360,870 | \$ | - | \$ | - |
| International and global equity | 22,601,305 |  | - |  | - |
| Fixed income mutual funds | 48,177,536 |  | - |  | - |
| Fixed income securities | - |  | ,890 |  | - |
| Cash and cash equivalents | 2,504,667 |  | - |  | - |
| Total fair value | \$94,644,378 |  | ,890 | \$ | - |
| 2011 |  |  |  |  |  |
| Domestic equity | \$ 19,752,467 | \$ | - | \$ | - |
| International and global equity | 31,865,804 |  | - |  | - |
| Fixed income mutual funds | 37,880,252 |  | - |  | - |
| Cash and cash equivalents | 5,449,488 |  | - |  | - |
| Total fair value | \$94,948,011 | \$ | - | \$ | - |

Pension Plan and Other Postretirement Benefit Assumptions - Actuarial assumptions used to determine benefit obligations at December 31, 2012 and 2011, were as follows:

|  | Pension Plan |  | Benefits |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 | 2011 | 2012 |  | 2011 |  |
|  |  |  | Medical | Life | Medical | Life |
| Discount rate | $4.29 \%$ | 4.40 \% | $4.40 \%$ | $4.30 \%$ | $4.40 \%$ | 4.40 \% |
| Rate of compensation increase | 3.00 | 4.00 | N/A | 3.00 | N/A | 4.00 |

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS <br> AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

Actuarial assumptions used to determine net periodic benefit cost for the years ended December 31, 2012 and 2011, were as follows:

|  | Pension Plan |  | Other Postretirement Benefits |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 | 2011 | 2012 |  | 2011 |  |
|  |  |  | Medical | Life | Medical | Life |
| Discount rate | 4.40 \% | 5.50 \% | 4.40 \% | $4.40 \%$ | 5.50 \% | $5.50 \%$ |
| Expected long-term return on plan assets | 6.00 | 6.00 | 5.60 | 6.50 | 5.60 | 5.60 |
| Rate of compensation increase | 4.00 | 4.00 | N/A | 4.00 | N/A | 4.00 |

In selecting the expected long-term rate of return on assets, the Companies considered the average rate of earnings expected on the funds invested or to be invested to provide for plan benefits. This included considering the Pension Plan and VEBA trasts' asset allocation, as well as the target asset allocations for the future, and the expected returns likely to be eamed over the life of the Pension Plan and the VEBAs.

Assumed health care cost trend rates at December 31, 2012 and 2011, were as follows.

|  | 2012 | 2011 |
| :--- | :---: | :---: |
| Health care trend rate assumed for next year — participants under 65 $8.00 \%$ | $8.50 \%$ |  |
| Health care trend rate assumed for next year — participants over 65 | 8.00 | 8.50 |
| Rate to which the cost trend rate is assumed to decline (the ultimate <br> trend rate) - participants under 65 | 5.00 | 5.00 |
| Rate to which the cost trend rate is assumed to decline (the ultimate <br> trend rate) -participants over 65 | 5.00 | 5.00 |
| Year that the rate reaches the ultimate trend rate | 2019 | 2019 |

Assumed health care cost trend rates have a significant effect on the amounts reported for the health care plans. A one-percentage-point change in assumed health care cost trend rates would have the following effects:

|  | One-Percentage <br> Point Increase | One-Percentage <br> Point Decrease |
| :--- | ---: | ---: |
| Effect on total service and interest cost | $\$ 3,134,278$ | $\$(2,355,685)$ |
| Effect on postretirement benefit obligation | $36,349,761$ | $(28,085,825)$ |

Pension Plan and Other Postretirement Benefit Assets - The asset allocation for the Pension Plan and VEBA trusts at December 31, 2012 and 2011, by asset category was as follows:

| Pension Plan |  |  |  |
| :--- | :--- | :--- | :--- |
| 2012 | 2011 | VEBA Trusts |  |
| $2012 \quad 2011$ |  |  |  |

Asset category:
Equity securities
Debt securities

| $30 \%$ | $30 \%$ | $41 \%$ | $41 \%$ |
| :--- | :--- | :--- | :--- |
| 70 | 70 | 59 | 59 |

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

Pension Plan and Other Postretirement Benefit Contributions - The Companies expect to contribute $\$ 6,400,000$ to their Pension Plan and $\$ 7,661,448$ to their Other Postretirement Benefits plan in 2013.

Estimated Future Benefit Payments - The following benefit payments, which reflect expected future service, as appropriate, are expected to be paid:

| Years Ending <br> December 31 | Pension <br> Plan | Other <br> Postretirement <br> Benefits |
| :--- | ---: | ---: |
| 2013 | $\$ 4,175,740$ | $\$ 5,651,448$ |
| 2014 | $4,804,038$ | $5,992,604$ |
| 2015 | $5,537,299$ | $6,385,523$ |
| 2016 | $6,393,997$ | $6,983,700$ |
| 2017 | $7,237,682$ | $7,567,996$ |
| Five years thereafter | $50,302,520$ | $45,794,286$ |

Postemployment Benefits - The Companies follow the accounting guidance in Compensation - NonRetirement Postemployment Benefits and accrue the estimated cost of benefits provided to former or inactive employees after employment but before retirement. Such benefits include, but are not limited to, salary continuations, supplemental unemployment, severance, disability (including workers' compensation), job training, counseling, and continuation of benefits, such as health care and life insurance coverage. The cost of such benefits and related obligations has been allocated to OVEC and IKEC in the accompanying consolidated financial statements. The allocated amounts represent approximately a $45 \%$ and $55 \%$ split between OVEC and IKEC, respectively, as of December 31, 2012, and approximately a $46 \%$ and $54 \%$ split between OVEC and IKEC, respectively, as of December 31, 2011. The liability is offset with a corresponding regulatory asset and represents unrecognized postemployment benefits billable in the future to customers. The accrued cost of such benefits was $\$ 2,498,759$ and $\$ 2,412,685$ at December 31, 2012 and 2011, respectively.

Defined Contribution Plan - The Companies have a trustee-defined contribution supplemental pension and savings plan that includes $401(\mathrm{k})$ features and is available to employees who have met eligibility requirements. The Companies' contributions to the savings plan equal $100 \%$ of the first $1 \%$ and $50 \%$ of the next $5 \%$ of employee-participants' contributions. Benefits to participating employees are based solely upon amounts contributed to the participants' accounts and investment earnings. By its nature, the plan is fully funded at all times. The employer contributions for 2012 and 2011 were $\$ 1,942,045$ and $\$ 1,804,270$, respectively.

## 9. ENVIRONMENTAL MATTERS

Title IV of the 1990 Clean Air Act Amendments (CAAAs) required the Companies to reduce sulfur dioxide $\left(\mathrm{SO}_{2}\right)$ emissions in two phases: Phase I in 1995 and Phase II in 2000. The Companies selected a fuel switching strategy to comply with the emission reduction requirements. The Companies also purchased additional $\mathrm{SO}_{2}$ allowances. The cost of these purchased allowances has been inventoried and

# OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY 

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011
included on an average cost basis in the cost of fuel consumed when used. The cost of unused allowances at December 31, 2012 and 2011, was $\$ 86,649$ and $\$ 28,519$, respectively.

Title IV of the 1990 CAAAs also required the Companies to comply with a nitrogen oxides $\left(\mathrm{NO}_{\mathrm{x}}\right)$ emission rate limit of $0.84 \mathrm{lb} / \mathrm{mmBta}$ in 2000 . The Companies installed overfire air systems on all eleven units at the plants to comply with this limit. The total capital cost of the eleven overfire air systems was approximately $\$ 8.2$ million.

During 2002 and 2003, Ohio and Indiana finalized respective $\mathrm{NO}_{\mathrm{x}}$ State Implementation Plan (SIP) Call regulations that required further significant $\mathrm{NO}_{\mathrm{x}}$ emission reductions for coal-burning power plants during the ozone control period. The Companies installed selective catalytic reduction (SCR) systems on ten of their eleven units to comply with these rules. The total capital cost of the ten SCR systems was approximately $\$ 355$ million.

On March 10, 2005, the United States Environmental Protection Agency (the U.S. EPA) issued the Clean Air Interstate Rule (CAIR) that required further significant reductions of $\mathrm{SO}_{2}$ and $\mathrm{NO}_{\mathrm{x}}$ emissions from coal-burning power plants. On March 15, 2005, the U.S. EPA also issued the Clean Air Mercury Rule (CAMR) that required significant mercury emission reductions for coal-burming power plants. These emission reductions were required in two phases: 2009 and 2015 for $\mathrm{NO}_{\mathrm{x}} ; 2010$ and 2015 for $\mathrm{SO}_{2}$; and 2010 and 2018 for mercury. Ohio and Indiana subsequently finalized their respective versions of CAR and CAMR. In response, the Companies determined that it would be necessary to install flue gas desulfurization (FGD) systems at both plants to comply with these new rules. Following completion of the necessary engineering and permitting, construction was started on the new FGD systems.

In February 2008, the D.C. Circuit Court of Appeals issued a decision which vacated the federal CAMR and remanded the rule to the U.S. EPA with a determination that the rule be rewritten under the maximum achievable control technologies (MACT) provision of Section 112(d) of the Clean Air Act. A group of electric utilities and the U.S. EPA requested a rehearing of the decision, which was denied by the Court. Following those denials, both the group of electric utilities and the U.S. EPA requested that the U.S. Supreme Court hear the case. However, in February 2009, the U.S. EPA withdrew its request and the group of utilities' request was denied. These actions left the original court decision in place, which vacated the federal CAMR and remanded the rule to the U.S. EPA with a determination that the rule be rewritten under the MACT provision of Section 112(d) of the Clean Air Act. The U.S. EPA bas subsequently written a replacement rule for the regulation of coal-fired utility emissions of mercury and other hazardous air pollutants. This replacement rule was published in the Federal Register on February 16, 2012, and it is referred to as the Mercury and Air Toxics Standards (or MATS) rule. The rule became final on April 16, 2012, and OVEC-IKEC must be in compliance by April 15, 2015 (absent qualifying for and securing a one-year extension from the state regulatory agencies).

In July 2008, the D.C. Circuit Court of Appeals issued a decision that vacated the federal CARR and remanded the rule to the U.S. EPA. In September 2008, the U.S. EPA, a group of electric utilities and other parties filed petitions for rebearing. In December 2008, the D.C. Circuit Court of Appeals granted the U.S. EPA's petition and remanded the rule to the U.S. EPA without vacatur, allowing the federal CAIR to remain in effect while a new rule was developed and promulgated. Following the remand, the U.S. EPA promulgated a replacement rule to CAIR. This new rule is called the Cross-State Air Pollution Rule (CSAPR) and it was issued on July 6, 2011, and it was scheduled to go into effect on January 1,

# OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY 

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011
2012. However, on December 30, 2011, the D.C. Circuit Court issued an indefinite "stay" of the CSAPR rule until the Court considers the numerous state, trade association, and industry petitions filed to have the rule either stayed or reviewed. The Court also instructed the U.S. EPA to keep CAIR in place while they consider the numerous petitions. On August 21, 2012, in a 2-1 decision, the D.C. Circuit Court vacated the CSAPR rule and ordered the U.S. EPA to keep CAIR in effect until a CSAPR replacement rule is promulgated. The U.S. EPA and other parties filed a petition seeking rehearing before the entire D.C. Circuit Court on October 5, 2012, and on January 24, 2013, the Court denied all petitions for rehearing. The U.S. EPA and other parties may now petition the U.S. Supreme Court to review the D.C. Circuit Court's decision on CSAPR. In the interim, CAIR will remain in effect.

In December 2008, the Boards of Directors of the Companies authorized a delay in construction of the FGD at the Clifty Creek plant of at least 18 months due to economic uncertainty in the capital markets.

In March 2009, the Boards of Directors also authorized a delay in the tie-in of the FGD systems of all five generating units at the Kyger Creek plant pending an investigation into the structural integrity of the internal components of two newly constructed jet bubbling reactors (JBRs), which are major components of the FGD system. Extensive studies were conducted relating to this design issue, which affected the FGD construction projects at both the Kyger Creek and Clifty Creek plants, and as a result, the Boards of Directors authorized a complete redesign and replacement of the JBR internal components to resolve this structural integrity issue.

In December 2010, the Boards of Directors authorized the completion of the FGD construction projects at the Kyger Creek and Clifty Creek plants with the redesign and replacement of the JBR internal components. The Kyger Creek plant FGD system became fully operational during the second quarter of 2012 and the Clifty Creek plant FGD system is expected to be fully operational by the end of the second quarter of 2013. One of the two FGD systems at Kyger Creek began successful operations in November 2011. The second FGD at Kyger Creek began operating in the first quarter of 2012.

Additional $\mathrm{SO}_{2}$ and $\mathrm{NO}_{\mathrm{x}}$ allowances were purchased to operate the Clifty Creek generating units to comply with the reinstated CAIR environmental emission rules during the 2012 compliance period. With the Kyger Creek FGD system now fully operational and with the Clifty Creek FGD systems scheduled to become operational in 2013, and with the 10 SCR systems operational at both plants, management does not currently anticipate the need to purchase additional $\mathrm{SO}_{2}$ allowances in 2013; however, there may be a need to purchase limited $\mathrm{NO}_{\mathrm{x}}$ allowances in 2013 and beyond.

Clifty Creek's two FGD scrubbers are scheduled to come online in March and May of 2013. As a result, OVEC is positioned to meet the anticipated reductions in $\mathrm{SO}_{2}$ and $\mathrm{NO}_{\mathrm{x}}$ emissions that are required under the CSAPR rule if the U.S. EPA ultimately prevails on its petition before the Supreme Court and CSAPR is reinstated. Alternatively, OVEC is also positioned to meet comparable emissions reductions that may be required by an equivalent repiacement rule should the D.C. Circuit Court decision uitimately stand.

Once all FGD systems are fully operational, OVEC expects to have adequate $\mathrm{SO}_{2}$ allowances available without having to rely on market purchases if the CSAPR rules are upheld in their current form; however, additional $\mathrm{NO}_{\mathrm{x}}$ allowances or additional $\mathrm{NO}_{\mathrm{x}}$ controls may be necessary for Clifty Creek Unit 6 .

# OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY 

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

Management expects that, with the SCRs and FGD systems fully functional, OVEC will be able to meet the emissions requirements outlined in the Mercury and Air Toxics Standards (MATS) rule by the April 15, 2015, compliance deadline.

The total cost to complete the new Kyger Creek and Clifty Creek FGD systems and the associated landfills is currently estimated not to exceed $\$ 1.35$ billion, including the amounts expended to date and included in construction in progress in the accompanying balance sheets.

On November 6, 2009, the Companies received a Section 114 Information Request from the U.S. EPA. The stated purpose of the information request was for the U.S. EPA to obtain the necessary information to determine if the Kyger Creek and Clifty Creek plants have been operating in compliance with the Federal Clean Air Act. Attorneys for the Companies subsequently contacted the U.S. EPA and established a schedule for submission of the requested information. Based on this schedule, all requested information was submitted to the U.S. EPA by March 8, 2010.

In late December 2011, OVEC-IKEC received a letter dated December 21, 2011, from the U.S. EPA requesting follow-up information. Specifically, the U.S. EPA asked for an update on the status of the FGD scrubber projects at both plants as well as additional information on any other new emissions controls that either have been installed or are planned for installation since the last submittal we filed on March 8, 2012. This information was prepared and filed with the U.S. EPA in late January 2012. In the fall of 2012, following an on-site visit, the U.S. EPA made an informal request that OVEC provide the agency with a monthly email progress report on the Clifty Creek FGD project until both FGD systems are operational in 2013. As of this date, the only communication OVEC has had with the U.S. EPA related to either the original Section 114 data submittal or the supplemental data filing made in 2011 are the monthly email progress reports.

## 10. FAIR VALUE MEASUREMENTS

The accounting guidance for Financial Instruments requires disclosure of the fair value of certain financial instruments. The estimates of fair value under this guidance require the application of broad assumptions and estimates. Accordingly, any actual exchange of such financial instruments could occur at values significantly different from the amounts disclosed. As cash and cash equivalents, current receivables, current payables, and line of credit borrowings are all short term in nature, their carrying amounts approximate fair value.

OVEC utilizes its trustee's external pricing service in its estimate of the fair value of the underlying investments held in the benefit plan trusts and investment portfolios. The Companies' management reviews and validates the prices utilized by the trustee to determine fair value. Equities and fixed income securities are classified as Level I holdings if they are actively traded on exchanges. Certain fixed income securities do not trade on an exchange and do not have an official closing price. Pricing vendors calculate bond valuations using financial models and matrices. Fixed income securities are typically classified as Level 2 holdings because their valuation inputs are based on observable market data. Observable inputs used for valuing fixed income securities are benchmark yields, reported trades, broker/dealer quotes, issuer spreads, bids, offers, and economic events. Other securities with model-derived valuation inputs that are observable are also classified as Level 2 investments. Investments with unobservable valuation inputs are classified as Level 3 investments.

# OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY 

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS <br> AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

As of December 31, 2012 and 2011, the Companies held certain assets that are required to be measured at fair value on a recurring basis. These consist of investments recorded within special deposits and longterm investments. The special deposits consist of money market mutual funds restricted for use on certain projects. The investments consist of money market mutual funds, equity mutual funds, and fixed income municipal securities. Changes in the observed trading prices and liquidity of money market funds are monitored as additional support for determining fair value, and unrealized gains and losses are recorded in camings.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Companies believe their valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

Long-Term Investments - Assets measured at fair value on a recurring basis at December 31, 2012 and 2011, were as follows:

|  | Fair Value Measurements at Reporting Date Using |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 2012 | Quoted Prices in Active Market for Identical Assets (Level 1) | Significant Other Observable Inputs (Level 2) | Significant Unobservable Inputs (Level 3) |  |
| Equity mutual funds | \$21,192,480 | \$ | \$ | - |
| Fixed income municipal securities |  | 96,088,024 |  | - |
| Cash and cash equivalents | 61,009,960 | - |  | - |
| Total fair value | \$82,202,440 | \$96,088,024 | \$ | - |
| 2011 |  |  |  |  |
| Equity mutual funds | \$17,515,143 | \$ | \$ | - |
| Fixed income municipal securities |  | 86,556,577 |  | - |
| Cash and cash equivalents | 2,105,486 | - |  | - |
| Total fair value | \$19,620,629 | \$86,556,577 | \$ | - |

Long-Term Deht - The fair values of the senior notes and fixed rate bonds were estimated using discounted cash flow analyses based on current incremental borrowing rates for similar types of borrowing arrangements. These fair values are not reflected in the balance sheets.

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

The fair values and recorded values of the senior notes and fixed and variable rate bonds as of December 31, 2012 and 2011, are as follows:

|  | 2012 |  |  | 2011 |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Fair Value | Recorded Value |  | Fair Value | Recorded Value |  |
| Senior 2006 Notes | $\$$ | $351,945,355$ | $\$$ | $292,095,074$ |  | $\$ 346,562,704$ |

## 11. LEASES

OVEC has entered into operating leases to secure railcars for the transportation of coal in connection with the fuel switching modifications at the OVEC and the IKEC generating stations. OVEC has railcar lease agreements that extend to as long as December 31, 2025, with options to exit the leases under certain conditions. The amount in property under capital leases is $\$ 2,277,088$ with accumulated depreciation of $\$ 460,693$ and $\$ 141,434$ as of December 31, 2012 and 2011, respectively. OVEC also has various other operating leases with other property and equipment. During 2012, OVEC terminated certain railcar lease agreements, which resulted in lease termination costs of $\$ 3,497,300$. As of December 31, 2012, OVEC had billed Sponsor Companies $\$ 499,614$ resulting in a balance of $\$ 2,997,686$ that will be recovered from the Sponsor Companies within the next 12 months. This amount is to be recorded in current regulatory assets (see Note 1) and is not included in the lease payments below.

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

AS OF AND FOR THE YEARS ENDED DECEMBER 31, 2012 AND 2011

Future minimum lease payments for capital and operating leases at December 31, 2012, are as follows:

| Years Ending |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| December 31 |  | Operating |  | Capital |
| 2013 | \$ | 1,834,312 | \$ | 535,492 |
| 2014 |  | 1,050,918 |  | 527,119 |
| 2015 |  | 850,338 |  | 351,787 |
| 2016 |  | 4,504 |  | 139,313 |
| 2017 |  | - |  | 119,119 |
| Thereafter |  | - |  | 573,220 |
| Total future minimum lease payments |  | 3,740,072 |  | 2,246,050 |
| Less estimated interest element |  |  |  | 590,372 |
| Estimated present value of future minimum lease payments |  |  |  | 1,655,678 |

The annual operating lease cost incurred was $\$ 3,310,227$ and $\$ 3,435,766$ for 2012 and 2011, respectively, and the annual capital lease cost incurred was $\$ 437,084$ and $\$ 138,376$ for 2012 and 2011, respectively.

## 12. COMMITMENTS AND CONTINGENCIES

The Companies are party to or may be affected by various matters under litigation. Management believes that the ultimate outcome of these matters will not have a significant adverse effect on either the Companies' future results of operation or financial position.

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

## INDEPENDENT AUDITORS' REPORT

To the Board of Directors of Ohio Valley Electric Corporation:

We have audited the accompanying consolidated financial statements of Ohio Valley Electric Corporation and its subsidiary company, Indiana-Kentucky Electric Corporation (the "Companies"), which comprise the consolidated balance sheets as of December 31, 2012 and 2011, and the related consolidated statements of income and retained eamings and cash flows for the years then ended, and the related notes to the consolidated financial statements.

## Management's Responsibility for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of intemal control relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

## Auditors' Responsibility

Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Companies' preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Companies' internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

## Opinion

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of the Companies as of December 31, 2012 and 2011, and the results of their operations and their cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

## DELOITTE \& TOUCHE LLP

## Dastme: Duche LP

April 10,2013

## OHIO VALLEY ELECTRIC CORPORATION AND SUBSIDIARY COMPANY

## OVEC PERFORMANCE-A 5-YEAR COMPARISON

|  | 2012 | 2011 | 2010 | 2009 | 2008 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net Generation (MWh) | 10,514,762 | 14,468,168 | 14,634,079 | 15,260,922 | 15,260,029 |
| Energy Delivered ( $\mathrm{MWh}_{\text {) }}$ to: |  |  |  |  |  |
| DOE | 207,692 | 253,157 | 249,139 | 264,664 | 270,369 |
| Sponsors | 10,340,568 | 14,199,025 | 14,421,180 | 15,069,699 | 15,026,497 |
| Maximum Scheduled (MW) by: |  |  |  |  |  |
| DOE | 36 | 39 | 39 | 39 | 45 |
| Sponsors | 2,165 | 2,247 | 2,223 | 2,212 | 2,216 |
| Power Costs to: |  |  |  |  |  |
| DOE | \$9,097,000 | \$11,643,000 | \$11,207,000 | \$11,451,000 | \$18,539,000 |
| Sponsors | \$650,027,000 | \$722,153,000 | \$671,671,000 | \$632,506,000 | \$605,355,000 |
| Average Price (MWh): |  |  |  |  |  |
| DOE | \$43.802 | \$45.993 | \$44.984 | \$43.266 | \$68.570 |
| Sponsors | \$62.862 | \$50.859 | \$46.575 | \$41.972 | \$40.286 |
| Operating Revenues | \$670,819,000 | \$716,938,000 | \$690,687,000 | \$648,593,000 | \$621,813,000 |
| Operating Expenses | \$599,891,000 | \$653,696,000 | \$618,790,000 | \$584,881,000 | \$566,798,000 |
| Cost of Fuel Consumed | \$302,926,000 | \$397,543,000 | \$358,507,000 | \$329,448,000 | \$340,213,000 |
| Taxes (federal, state, and local) | \$11,659,000 | \$12,059,000 | \$11,208,000 | \$12,298,000 | \$10,808,000 |
| Payroll | \$61,907,000 | \$57,141,000 | \$55,609,000 | \$56,589,000 | \$53,694,000 |
| Fuel Bumed (tons) | 5,290,009 | 7,310,107 | 7,506,530 | 7,900,894 | 7,891,440 |
| Heat Rate (Btu per kWh, net generation) | 10,581 | 10,467 | 10,310 | 10,299 | 10,236 |
| Unit Cost of Fuel Bumed (per monBtu) | \$2.72 | \$2.63 | \$2.38 | \$2.10 | \$2.18 |
| Equivalent Availability (percent) | 78.9 | 83.0 | 81.0 | 81.6 | 80.5 |
| Power Use Factor (percent) | 69.40 | 89.61 | 92.82 | 96.29 | 96.39 |
| Employees (year-end) | 828 | 810 | 783 | 809 | 817 |

## DIRECTORS

## Ohio Valley Electric Corporation

1,2 ANTHONY J. AHERN, Columbus, Ohio
President and Chief Executive Officer
Buckeye Power Generating, LLC
${ }^{1}$ NICHOLAS K. AKINS, Columbus, Ohio
President and Chief Executive Officer American Electric Power Company, Inc.

ERIC D. BAKER, Cadillac, Michigan
President and Chief Executive Officer
Wolverine Power Supply Cooperative, Inc.
WILLLAM S. DOTY, Evansville, Indiana
Executive Vice President - Utility Operations
Vectren Corporation
JAMES R. HANEY, Akron, Ohio
Vice President, Compliance \& Regulated Services
and Chief FERC Compliance Officer
FirstEnergy Services Company
${ }^{2}$ LANA L. HILLEBRAND, Columbus, Ohio
Senior Vice President and Chief Administrative Officer
American Electric Power Company, Inc.
DENNIS A. LANTZX, Dayton, Ohio
Senior Vice President - Generation DPL Inc.
${ }^{1}$ CHARLES D. LASKY, AkToll, Ohio
Vice President, Fossil Fleet Operations
FirstEnergy Generation, LLC
${ }^{2}$ MARK C. McCULLOUGH, Columbus, Ohio
Executive Vice President - Generation
American Electric Power Company, Inc.
STEVEN K. NELSON, Coshocton, Ohio Chairman, Buckeye Power Board of Trustees
The Frontier Power Company
PATRICK W. O'LOUGHLIN, Columbus, Ohio
Vice President and Chief Operating Officer
Buckeye Power Generating, LLC
ROBERT P. POWERS, Columbus, Ohio
Executive Vice President and Chief Operating Officer
American Electric Power Company, Inc.
${ }^{2}$ PAUL W. THOMPSON, Louisville, Kentucky
Chief Operating Officer
LG\&E and KU Energy LLC
${ }^{1}$ JOHN N. VOYLES, Louisville, Kentucky
Vice President, Transmission and Generation Services
LG\&E and KU Energy LLC
${ }^{1}$ CHARLES WHITLOCK, Cincinnati, Ohio
President, Midwest Commercial Generation
Duke Energy Corporation

## Indiana-Kentucky Electric Corporation

${ }^{1}$ ANTHONY J. AHERN, Columbus, Ohio
President and Chief Executive Officer Buckeye Power Generating, LLC
${ }^{1}$ NICHOLAS K. AKINS, Columbus, Ohio President and Chief Executive Officer American Electric Power Company, Inc.

PAUL CHODAK, Fort Wayne, Indiana President and Chief Operating Officer Indiana Michigan Power
WILLIAM S. DOTY, Evansville, Indiana
Executive Vice President - Utility Operations
Vectren Corporation

WAYNE D. GAMES, Evansville, Indiana
Vice President - Power Supply Vectren Corporation
${ }^{1}$ CHARLES D. LASKY, Akron, Ohio
Vice President, Fossil Fleet Operations
FirstEnergy Generation, LLC
MARC E. LEWIS, Fort Wayne, Indiana
Vice President - External Relations
Indiana Michigan Power

## OFFICERS-OVEC AND IKEC

## NICHOLAS K. AKINS

President
MARK A. PEIFER
Vice President and
Chief Operating Officer
DAVIO E. JONES
Vice President-Operations
${ }^{1}$ Member of Executive Cormmittee.
${ }^{2}$ Member of Human Resources Committee.

JOHN D. BRODT
Chief Financial Officer, Secretary and Treasurer

RONALD D. COOK
Assistant Secretary, Assistant
Treasurer and Supply Chain Director

JuLIE SLOAT
Assistant Secretary and Assistant Treasurer

# OHIO POWER COMPANY'S RESPONSE TO INDUSTRIAL ENERGY USERS-OHIO'S DISCOVERY REQUEST <br> PUCO CASE NO. 13-2385-EL-SSO et al. FOURTH SET 

## INTERROGATORY

INT-4-001 In the Direct Testimony of Pablo A. Vegas in support of AEP-Ohio's Electric Security Plan at page 13, lines 8-9, he states with regard to the Power Purchase Agreement Rider, "This rider allows the Company to continue providing $\$ 100$ million of economic benefit to Ohio annually, including $\$ 40$ million in a rural six county area of Southern Ohio provided by OVEC." The following interrogatories concern the quoted statement.
a. What is the basis for the statement that rider allows the Company to continue providing $\$ 100$ million of economic benefit to Ohio annually?
b. What are the "economic benefits" referred to by Mr. Vegas?
c. Based on the response to $b$, what were the "economic benefits" for the years 2009 to 2013?
d. Identify all documents that support the statement that the rider allows the Company to continue providing $\$ 100$ million of economic benefit to Ohio annually.

## RESPONSE

See the Company's response to IEU INT-4-008.
Prepared by: Pablo A. Vegas

# Economic Benefits of OVEC 

## Executive Summary

Ohio Valley Electric Corporation (OVEC) served its mission of supplying the electricity needs of the uranium enrichment plant in Piketon, Ohio. With the enrichment plant's electric requirements greatly reduced, the generation output reverts to sponsoring investor owned utilities. The presence of OVEC provides economic benefits to a region in southern Ohio and the state as whole. OVEC has 467 employees in Ohio. These jobs have a total impact on the study area of 682 jobs and 1,280 jobs in Ohio. OVEC employment creates $\$ 35$ million of direct income. The total income effect on the region and the State is $\$ 43$ million and $\$ 70$ million, respectively. In addition, coal purchases by OVEC create approximately 290 coal mining jobs, which have a total impact of 795 jobs for the state. The direct coal mining jobs associated with OVEC purchases create $\$ 18$ million income and total income impact on the state of $\$ 36$. Through its operations and purchases of Ohio coal, OVEC has impact to Ohio of over 2,000 jobs and over $\$ 100$ million income. The output of electricity generated in Ohio is valued at approximately $\$ 285$ million. Coal purchases by OVEC are estimated to be valued at approximately $\$ 143$ million. Not only does OVEC provides many benefits to the state, it directly or indirectly has a positive economic impact on regions of the state that have higher unemployment and lower average income than the Ohio in aggregate, i.e., the region of southern Ohio where OVEC facilities are located and the coalfields.

## Background

Ohio Valley Electric Corporation (OVEC) was organized in 1952. In addition to OVEC, its wholly owned subsidiary Indiana-Kentucky Electric Corporation (IKEC) was also established in 1952. OVEC and IKEC were formed by regional investor owned utilities and their parent holding companies. This consortium was established to provide power to the Atomic Energy Commission's (AEC) uranium enrichment facility that was being built in Piketon, Ohio.

OVEC provided the bulk of its generation to AEC until the power agreement between OVEC and DOE was terminated on April 20, 2003. Since the termination of the agreement, the OVEC generating capacity has been available to the sponsoring companies. Also, energy requirements for the Piketon uranium enrichment facility have been greatly reduced and was the primary reason for AEC terminating the purchase agreement.

OVEC owns Kyger Creek Plant in Cheshire, Ohio, which has a name plate capacity of 1,086 MW. OVEC's subsidiary IKEC owns the Clifty Creek Plant in Madison, Indiana and it has a nameplate capacity of $1,304 \mathrm{MW}$.

## OVEC's Ohio Operations

OVEC had 467 of its 828 employees working at facilities in Ohio. There were 137 employees at the Company's headquarters in Piketon, Ohio. OVEC employed 330 workers at the Kyger Creek Plant. The average payroll for OVEC's employees in 2012 was approximately $\$ 75.000$.

## Kyger Creek Plant

The Kyger Creek Plant had a net generation of $4,573,755 \mathrm{MWh}$ in 2012. It is estimated that this generation resulted in power costs to the DOE and sponsoring companies of approximately $\$ 285,000,000$. Kyger Creek Plant purchased 2.5 million tons of Ohio coal, which reflects approximately $9 \%$ of the state's coal production in 2012. The value of this coal is approximately $\$ 143,000,000$. It is estimated that approximately 290 miners are employed in the production of the Ohio coal used at the Kyger Plant.

## OVEC Economic Region

In Ohio, OVEC has a physical presence in two counties. The corporate offices are in Pike County and the Kyger Creek plant is in Gallia County. For purposes of this study, surrounding counties of Jackson, Meigs, Scioto, and Vinton will be included. See Exhibit l for a map of the study area. These counties are close in proximity and have similar economic underpinnings.

The region had a population of approximately 209,000 in 2011. Population in the region grew at an average annual rate of $0.1 \%$ from the 2000 Census of the Population. Meanwhile, State of Ohio's population grew at an average annual rate $0.1 \%$. The unemployment rate for the region was approximately $10.6 \%$ in 2012. By comparison, the unemployment rate for the State of Ohio was $7.2 \%$. Exhibit 2 provides a comparison of unemployment rates for 2000 through 2012.

In 2011, the personal income for the region was $\$ 6.0$ billion. The annual income per capita for the region was $\$ 28,612$. In comparison, the State of Ohio and the United States had real incomes per capita of $\$ 37,836$ and $\$ 41,560$, respectively. Exhibits 3 and 4 provide population and income data for the study area counties, Ohio and the U.S.

Wage and salary employment for 2011 in the region was 63,938 workers. Total wage and salaries for these workers were $\$ 2.3$ billion, which yields an average annual wage and salary of $\$ 35,490$. In comparison, the average wage and salary for the State of Ohio and the United States were $\$ 43,455$ and $\$ 48,301$, respectively. Exhibits 5 and 6 present employment and earnings for workers in the study area, Ohio and the U.S.

## Economic Impact Methodology

Economic base theory was used to develop impact multipliers in this study. This theory divides the local economy into two sectors. The basic sector drives growth in the local economy and is dependent upon external factors and exports goods and services from the region. The non-basic
sector is driven by local business activity and primarily serves customers in the region. Location quotients are one method to determine basic and non-basic sectors. The location quotient measures the relative intensity of a sector in a region or a state versus the nation. Those sectors with location quotients greater than one were included in the basic sector. See Exhibit 7 for a discussion and citations related to economic base multipliers and location quotients. The direct impact of the converted plant is measured as the employment or output of the facility. The total impact is the direct impact multiplied by the economic base multiplier. The economic impacts have been estimated for both short and long term impacts to the region and state.

## Economic Impacts of OVEC

In 2012, OVEC had 467 employees in Ohio. This level of employment has a total impact on the region and state of 682 and 1,280 workers, respectively. It is estimated that OVEC employees had an aggregate income of $\$ 35,025,000$. The total effect on income is estimated to be $\$ 42,649,000$ and $\$ 70,336,000$ for the region and the State of Ohio, respectively. The impact analysis is provided on Exhibit 8. The income generated by OVEC's presence in the region. has positive influence for local businesses.

The region most directly affected by OVEC lags the state in many economic categories. Without the presence of OVEC, the region would lag state even further.

## OVEC and the Ohio Coal Industry

OVEC consumes 2.5 million tons of Ohio coal annually. This reflects $9 \%$ of the state's 2011 output. It is estimated that this coal is valued at $\$ 143$ million. It is estimated that 290 workers are employed in the mining of the coal used by OVEC. This number of coal related workers has a total impact on the state of 795 employees. The coal miners are estimated to have a total income of $\$ 18.2$ million and total income effect on the state is estimated to be $\$ 36.1$ million. The impact analysis is provided on Exhibit 9. Coal mining is concentrated in Belmont, Harrison, Jackson, Jefferson, Meigs, Monroe, Perry, Tuscarawas, and Vinton counties. Over 93\% of the Ohio coal production occurs in those counties. Exhibit 10 provides Ohio coal production by county through 2011. The presence of the coal industry in those counties is important. In 2012, these counties had a combined unemployment rate of $8.6 \%$, which lags the State's $7.2 \%$. Area unemployment rates are provided on Exhibit 11. As with the OVEC area, the coal producing region's income per capita of $\$ 29.527$ lags the state as a whole. Income and population for the coal producing region are provided on Exhibit 12. Without the coal purchases by OVEC, the unemployment rate for these counties would higher and economic well-being for these counties would be diminished.


## OVEC Economic Area and Ohio

Unemployment Rates

|  | Economic Area Counties |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | Gallia | Jackson | Meigs | Pike | Scioto | Vinton | Area | Ohio |
|  |  |  |  |  |  |  |  |  |
| 2000 | $6.9 \%$ | $5.8 \%$ | $7.2 \%$ | $6.9 \%$ | $7.3 \%$ | $6.9 \%$ | $6.9 \%$ | $4.0 \%$ |
| 2001 | $6.3 \%$ | $6.6 \%$ | $6.9 \%$ | $7.5 \%$ | $6.8 \%$ | $7.5 \%$ | $6.8 \%$ | $4.4 \%$ |
| 2002 | $7.2 \%$ | $7.7 \%$ | $8.9 \%$ | $9.3 \%$ | $8.1 \%$ | $8.5 \%$ | $8.2 \%$ | $5.7 \%$ |
| 2003 | $8.3 \%$ | $8.3 \%$ | $11.2 \%$ | $10.2 \%$ | $8.7 \%$ | $9.2 \%$ | $9.1 \%$ | $6.2 \%$ |
| 2004 | $8.0 \%$ | $8.4 \%$ | $10.7 \%$ | $10.2 \%$ | $8.9 \%$ | $8.6 \%$ | $9.0 \%$ | $6.1 \%$ |
| 2005 | $7.1 \%$ | $7.3 \%$ | $9.7 \%$ | $10.0 \%$ | $8.5 \%$ | $8.1 \%$ | $8.3 \%$ | $5.9 \%$ |
| 2006 | $6.0 \%$ | $7.3 \%$ | $8.2 \%$ | $8.7 \%$ | $7.5 \%$ | $7.8 \%$ | $7.4 \%$ | $5.4 \%$ |
| 2007 | $6.2 \%$ | $7.9 \%$ | $8.9 \%$ | $9.4 \%$ | $7.4 \%$ | $7.8 \%$ | $7.7 \%$ | $5.6 \%$ |
| 2008 | $6.5 \%$ | $8.5 \%$ | $10.0 \%$ | $10.1 \%$ | $8.3 \%$ | $9.2 \%$ | $8.5 \%$ | $6.6 \%$ |
| 2009 | $9.3 \%$ | $11.1 \%$ | $14.6 \%$ | $15.0 \%$ | $12.2 \%$ | $12.9 \%$ | $12.2 \%$ | $10.2 \%$ |
| 2010 | $10.8 \%$ | $11.4 \%$ | $14.9 \%$ | $15.1 \%$ | $13.0 \%$ | $13.2 \%$ | $12.8 \%$ | $10.0 \%$ |
| 2011 | $10.4 \%$ | $10.7 \%$ | $13.4 \%$ | $15.2 \%$ | $12.0 \%$ | $11.6 \%$ | $12.0 \%$ | $8.6 \%$ |
| 2012 | $8.9 \%$ | $9.2 \%$ | $11.8 \%$ | $12.9 \%$ | $10.7 \%$ | $10.6 \%$ | $10.6 \%$ | $7.2 \%$ |

## Source: Bureau of Labor Statistics

Personal Income (Thousands of \$), Population (Persons) and Per Capita Personal Income (\$)

| Year | Gallia |  | Jackson |  | Meigs |  | Pike |  | Scioto |  | Vinton |  | Region Total |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | Per Capita |  |  |  |  |
|  | Personal |  |  |  | Personal |  |  |  | Personal |  | Personal |  | Personal |  | Personal |  | Personal |  | Personal |
|  | Income | Population | Income | Population | Income | Population | Income | Population | Income | Population | Income | Population | Income | Population | Income |
| 2000 | 699.437 | 31,072 | 642,310 | 32,633 | 456,206 | 23,028 | 555,235 | 27,688 | 1,587,135 | 79,168 | 224,744 | 12,825 | 4,165,067 | 206,414 | 20,178 |
| 2001 | 757,407 | 31,017 | 663,818 | 32,670 | 463,147 | 23,119 | 586,463 | 27,807 | 1,648,304 | 78,784 | 243,466 | 12,966 | 4,362,605 | 206,363 | 21,140 |
| 2002 | 761,582 | 31,083 | 684,353 | 32,846 | 450,819 | 23.305 | 597,099 | 28,072 | 1,686,137 | 78,652 | 248,568 | 13,076 | 4,428,558 | 207,034 | 21,390 |
| 2003 | 788,939 | 31,095 | 713,645 | 32,880 | 444,371 | 23.441 | 610,709 | 28,258 | 1,752,062 | 78,278 | 249,929 | 13,260 | 4,559,655 | 207,212 | 22,005 |
| 2004 | 830.258 | 31,029 | 745,795 | 33,025 | 456,052 | 23,506 | 625,224 | 28,427 | 1,808,866 | 77,788 | 256,842 | 13,308 | 4,723,037 | 207,083 | 22,807 |
| 2005 | 834,288 | 30,993 | 774,073 | 33,242 | 474,511 | 23,588 | 641,606 | 28,299 | 1,830,679 | 77,926 | 265,244 | 13,370 | 4,820,401 | 207,418 | 23,240 |
| 2006 | 890,572 | 30,927 | 794,633 | 33,135 | 498,098 | 23,586 | 662,662 | 28,590 | 1,889,942 | 78,285 | 269,644 | 13,516 | 5,005,551 | 208,039 | 24,061 |
| 2007 | 917,449 | 30,977 | 833,294 | 33,144 | 513,506 | 23,612 | 705,710 | 28,645 | 2,034,615 | 78,775 | 286,881 | 13,566 | 5,291,455 | 208,719 | 25,352 |
| 2008 | 954.738 | 30,997 | 871,724 | 33,164 | 546,094 | 23,534 | 754,857 | 28,763 | 2,159,653 | 79,133 | 296,796 | 13,452 | 5,583,862 | 209,043 | 26,712 |
| 2009 | 953,584 | 30,857 | 882,657 | 33,115 | 566,926 | 23,770 | 769,048 | 28,679 | 2,154,275 | 79,241 | 301,179 | 13,474 | 5,627,669 | 209,136 | 26,909 |
| 2010 | 952,654 | 30.968 | 902,732 | 33,270 | 577,572 | 23,744 | 801,745 | 28,710 | 2,214,594 | 79,517 | 314,117 | 13,425 | 5,763,414 | 209,634 | 27,493 |
| 2011 | 981,132 | 30.970 | 936,239 | 33,186 | 601,569 | 23,680 | 839,425 | 28,628 | 2,290,160 | 79,277 | 334,559 | 13,367 | 5,983,084 | 209,108 | 28,612 |
| Average Annual Growth Rate (\%) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 3.1 | 0.0 | 3.5 | 0.2 | 2.5 | 0.3 | 3.8 | 0.3 | 3.4 | 0.0 | 3.7 | 0.4 | 3.3 | 0.1 | 3.2 |


| Year | United States |  |  | State of Ohio |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Personal Income | Population | Per Capita Personal Income | Personal Income | Population | Per Capita Personal Income |
| 2000 | 8,554,866,000 | 282,162,411 | 30,319 | 326,074,771 | 11,363,543 | 28,695 |
| 2001 | 8,878,830,000 | 284,968,955 | 31,157 | 333,368,612 | 11,387,404 | 29,275 |
| 2002 | 9,054,702,000 | 287,625,193 | 31,481 | 340,514,125 | 11,407,889 | 29,849 |
| 2003 | 9,369,072,000 | 290,107,933 | 32,295 | 350,723,100 | 11,434,788 | 30,672 |
| 2004 | 9,928,790,000 | 292,805,298 | 33,909 | 361,666,420 | 11,452,251 | 31,580 |
| 2005 | 10,476,669,000 | 295,516,599 | 35,452 | 371,930,848 | 11,463,320 | 32,445 |
| 2006 | 11,256,516,000 | 298,379,912 | 37,725 | 390,456,866 | 11,481,213 | 34,008 |
| 2007 | 11,900,562,000 | 301,231,207 | 39,506 | 404,622,561 | 11,500,468 | 35,183 |
| 2008 | 12,451,660,000 | 304,093,966 | 40,947 | 419,173,302 | 11,515,391 | 36,401 |
| 2009 | 11,852,715,000 | 306,771,529 | 38,637 | 403,526,926 | 11,528,896 | 35,001 |
| 2010 | 12,308,496,000 | 309,330,219 | 39,791 | 414,567,053 | 11,537,968 | 35,931 |
| 2011 | 12,949,905,000 | 311,591,917 | 41,560 | 436,817,655 | 11,544,951 | 37,836 |
| Average Annual Growth Rate (\%) |  |  |  |  |  |  |
|  | 3.8 | 0.9 | 2.9 | 2.7 | 0.1 | 2.5 |

Source: U.S. Bureau of Economic Analysis (CA 1-3 Personal Income Summary)
Wage and Salary Disbursements ( $\$$ Thousand), Wage and Salary Employment (Jobs) and Average Wage per lob (\$;

|  | Gallia |  | Jackson |  | Meigs |  | Pike |  | Scroto |  | Vinton |  | Region Total |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wage \& Salary | Wage \& Salary | Wage \& Salary | Wage \& Salary | Wage \& Salary | Wage \& Salary | Wage \& Salary | $\begin{gathered} \text { Wage \& } \\ \text { Salary } \end{gathered}$ | Wage \& Salary | Wage \& Salary | Wage \& Salary | Wage \& Salary | Wage \& Salary | Wage \& Salary | Average Wage |
| Year | Disbursements | Employment | Disbursements | Employment | Disbursements | Employment | Oisbursements | Employment | Disbursements | Employment | Disbursements | Employment | Disbursements | Employment | Per Job |
| 2000 | 348,064 | 12.821 | 277,304 | 11,686 | 143,852 | 5.473 | 336.507 | 12,037 | 650.753 | 27,200 | 58,116 | 2,572 | 1,816,596 | 71,789 | 25,305 |
| 2001 | 367,430 | 12,740 | 280,811 | 11,519 | 149,496 | 5,326 | 360,279 | 12,065 | 677,060 | 27,396 | 60.622 | 2,568 | 1,895,698 | 71,614 | 26,471 |
| 2002 | 382,966 | 13,153 | 294,698 | 11.819 | 108.896 | 4,763 | 340.253 | 11.453 | 702,660 | 27,773 | 74.399 | 2.779 | 1,903,872 | 71,340 | 26,539 |
| 2003 | 391,807 | 13,059 | 312.458 | 11,896 | 95,826 | 4,272 | 346,364 | 11,188 | 726,623 | 27,298 | 70,831 | 2,573 | 1,943,909 | 70,286 | 27,657 |
| 2004 | 418.022 | 13,252 | 328,857 | 12,059 | 92,360 | 4,085 | 357,202 | 10.668 | 748.532 | 27,236 | 66.869 | 2.420 | 2,011,842 | 69,720 | 28,856 |
| 2005 | 427,148 | 13.077 | 345,905 | 12,690 | 94,863 | 4.048 | 351,466 | 10,195 | 745.183 | 26,371 | 70,537 | 2.536 | 2,035,102 | 68,917 | 29,530 |
| 2006 | 467,783 | 13,083 | 344.085 | 12,558 | 99,819 | 4,126 | 362,577 | 10.182 | 767,650 | 25,960 | 73.668 | 2,598 | 2,115,582 | 68,507 | 30,881 |
| 2007 | 462,042 | 12,857 | 357,719 | 12.301 | 102.224 | 4.042 | 384,724 | 10,229 | 835.511 | 26,655 | 85.742 | 2.688 | 2,227,962 | 68,772 | 32,396 |
| 2008 | 467,911 | 12,729 | 359,973 | 11.749 | 104.904 | 3.925 | 402,283 | 10,245 | 878,221 | 26,721 | 78.575 | 2,536 | 2,291,867 | 67,905 | 33,751 |
| 2009 | 455,240 | 12,418 | 346.020 | 11.437 | 110.667 | 3,891 | 401.529 | 9,837 | 846,071 | 25,646 | 74.595 | 2.384 | 2,234,122 | 65,613 | 34,050 |
| 2010 | 434.200 | 12.000 | 354,564 | 11.141 | 115,936 | 3.912 | 419,190 | 9,840 | 869.460 | 25.700 | 76,855 | 2.381 | 2,270,205 | 64,974 | 34,940 |
| 2011 | 424,705 | 11,666 | 355,960 | 10.964 | 119.152. | 3,987 | 404,842 | 9,196 | 880,362 | 25.685 | 84,128 | 2.440 | 2,269,149 | 63,938 | 35,490 |
| Average Annual Growth Rate (\%) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1.8 | -0.9 | 2.3 | -0.6 | -1.7 | -2.8 | 1.6 | $-2.4$ | 2.8 | -0.5 | 3.4 | -0.5 | 2.0 | -1.0 | 3.1 |


|  | United States |  |  |
| :---: | :---: | :---: | :---: |
| Year | Wage $\&$ <br> Salary <br> Disbursements |  <br> Salary <br> Employment | Average <br> Wage <br> Per Job |
| 2000 | $4,823,727,000$ | $137,610,000$ | 35,054 |
| 2001 | $4,948,357,000$ | $137,322,000$ | 36,035 |
| 2002 | $4,993,197,000$ | $136,269,000$ | 36,642 |
| 2003 | $5,133,724,000$ | $136,065,000$ | 37,730 |
| 2004 | $5,419,559,000$ | $137,591,000$ | 39,389 |
| 2005 | $5,694,792,000$ | $139,554,000$ | 40,807 |
| 2006 | $6,060,261,000$ | $141,916,000$ | 42,703 |
| 2007 | $6,414,505,000$ | $143,526,000$ | 44,692 |
| 2008 | $6,546,600,000$ | $143,009,000$ | 45,778 |
| 2009 | $6,261,910,000$ | $136,821,000$ | 45,767 |
| 2010 | $6,394,612,000$ | $136,108,000$ | 46,982 |
| 2011 | $6,651,787,000$ | $137,715,000$ | 48,301 |
|  |  |  |  |
| Average Annual Growth Rate (\%) |  | 3.0 |  |

Source: U.S. Bureau of Economic Analysis (CA34 Wage and Salary)

## Economic Base Multiplier

T=Total Employment
$\mathrm{B}=$ Base Employment
$\mathrm{N}=$ Non-Base Employment
The simplified economic base multiplier is $T$ divided by $B$
Sectors considered in base employment are those with a location quotient of greater than 1.
All other sectors are in non-base employment.
See http://faculty.washington.edu/krumme/systems/multiplier.html for a description of multiplier derivation. See http://www.rri.wvu.edu/WebBook/Schaffer/index.html for a discussion regional economic base theory.

## Location Quotient

$e(i)=$ regional employment in sector $i$
$e=$ total regional employment
$E(i)=$ national employment in sector $i$
$\mathrm{E}=$ total national employment
$L Q(i)=$ regional location quotient for sector $i$
$L Q(i)=(e(i) / e) /(E(i) / E)$

See http://www.rri.wvu.edu/WebBook/Schaffer/chap02.html其Heading14 for discussion of location quotients.

## Employment and Earnings Impact of OVEC on the Region and Ohio

(1) Direct Employment ..... 467
(2) Area Employment Multiplier ..... 1.46
(3) Total Area Employment Impact (1)*(2) ..... 682
(4) State Emploment Multiplier ..... 2.74
(5) Total State Employment (1)*(4) ..... 1,280
(6) OVEC Average Wages ..... 75,000
(7) Region Average Wages ..... 35,490
(8) OVEC Earnings (1)* ${ }^{*}$ (6) ..... 35,025,000
(9) Other Earnings ((3)-(1))*(7) ..... 7,623,962
(10) Total Area Earning Impact (8)+(9) ..... 42,648,962
(11) State Average Earnings ..... 43,455
(12) OVEC Earnings (1)* $(6)$ ..... 35,025,000
(13) Other Earnings ((5)-(1))* $(11)$ ..... 35,310,664
(14) Total State Earnings Impact (12)+(13) ..... 70,335,664
$\qquad$

## OHIO POWER COMPANY'S RESPONSE TO THE PUBLIC UTILITIES COMMISSION OF OHIO'S DATA REQUEST <br> PUCO CASE NO. 13-2385-EL-SSO et al. PUCO-STAFF SCHAEFER SET (23)

## DATA REQUEST

DR-23-001 Based on the Company's conversation with staff on May 14, 2014, clarifying the Company's testimony and previous data request (INT-13-001), please confirm that the company will be providing generation-related backup and planned maintenance services through the applicable SSO rates.

## RESPONSE

Confirmed. The Company will procure generation supply through the auctions. The auction winners will provide generation service. The Company's proposed tariffs no longer make a distinction between standard service, supplemental service or backup and maintenance service. As such a non-shopping customer will take service under the appropriate standard tariff and will pay the applicable SSO rates, Riders GENE, GENC and the ACCR, for each kWh of usage, whether used for backup, maintenance or supplemental service.

Prepared by: Andrea E. Moore / David M. Roush


[^0]:    The currently approved electric security plan expires in May 2015. Corporate Separation expected as of January 1, 2014 at which time OPCo will be a wires only company. Transmission rates are currently regulated by FERC as reflected in the OATT. SB221 allows that OPCo has an active fuel clause effective January 1, 2009. Ohio currently has a mandatory renewable energy standard of $25 \%$ by 2025, phased in beginning in 2009.

[^1]:    See notes to consolidated financial statements

