

3rd Quarter 2016 Earnings Release Presentation November 1, 2016

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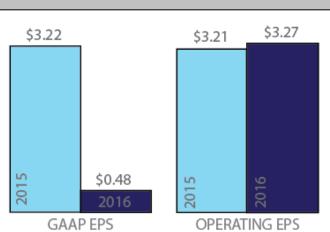


Third Quarter 2016 Highlights

Third Quarter 2016



YTD 2016



Company Update

Earnings Update

- Realized GAAP loss of \$1.56 per share and operating earnings of \$1.30 per share for the third quarter 2016
- Realized GAAP earnings of \$0.48 per share and operating earnings of \$3.27 per share for YTD September 2016
- Recorded \$1.5B impairment, net of tax, of certain merchant generation assets in third quarter
- ✓ 2016 operating earnings guidance range raised and narrowed to \$3.75 to \$3.85 per share

Third Quarter Operating EPS Drivers

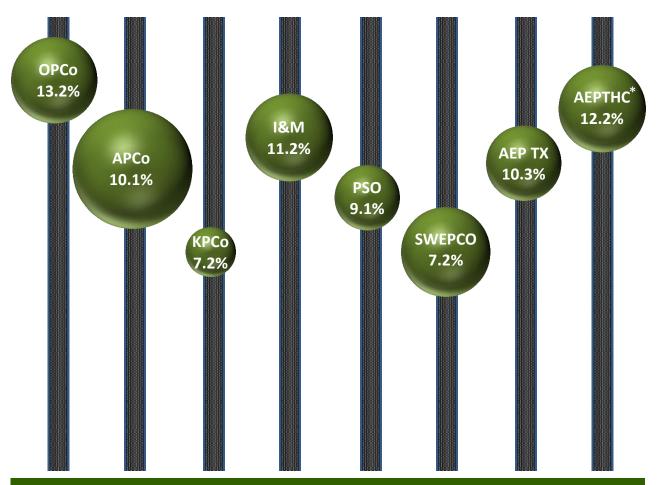
- ✓ Favorable weather added \$0.07 per share
- ✓ Rate changes contributed an additional \$0.09 per share
- ✓ O&M was favorable by \$0.09 per share

Year to Date Operating EPS Drivers

- Rate changes and decreased O&M added \$0.18 and \$0.09 per share, respectively, partially offset by \$0.05 unfavorable weather
- Transmission Holdco added \$0.12 per share due to increased investment
- Lower capacity revenues and energy margins contributed decreases of \$0.19 and \$0.10 per share, respectively

Regulated Returns

Twelve Months Ended 9/30/2016 Earned ROE's (Operating Earnings)

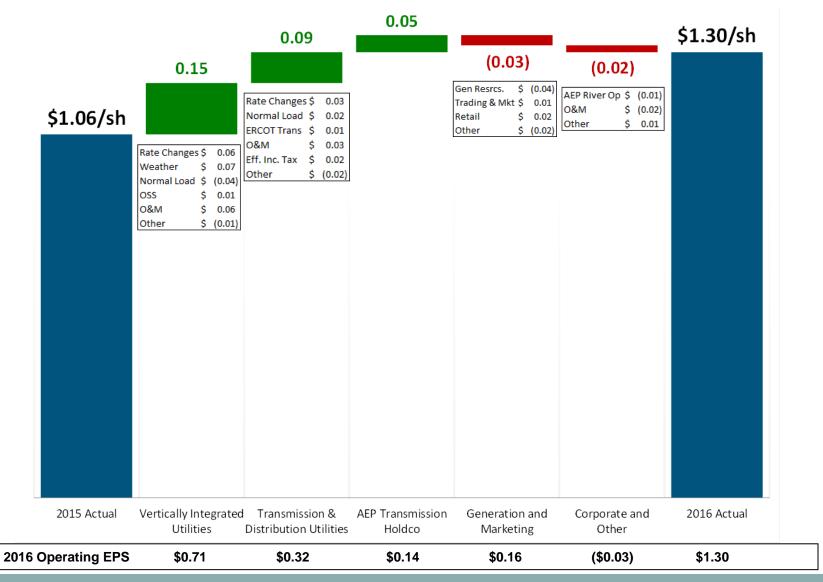


Regulated Operations ROE of 10.5% as of September 30, 2016

* Transco ROE is 11.4%

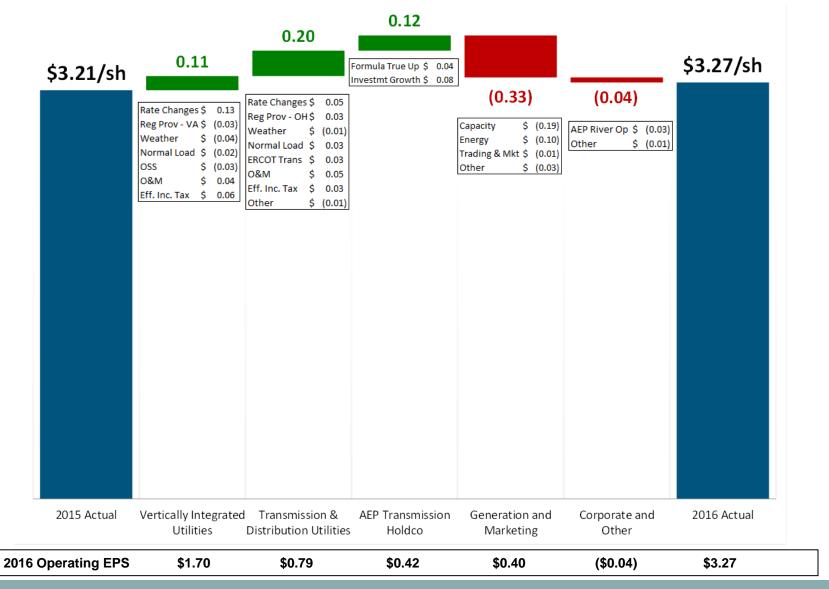


3rd Quarter Operating Earnings Segment Detail





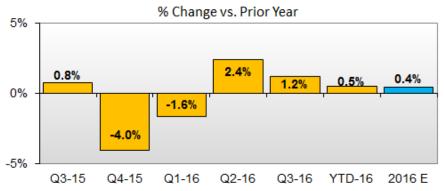
2016 YTD Operating Earnings Segment Detail



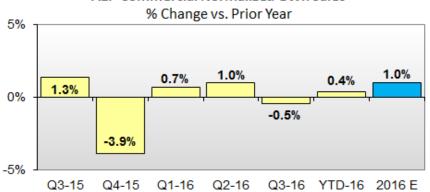


Normalized Retail Load Trends

AEP Residential Normalized GWh Sales



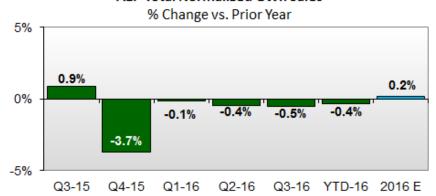
AEP Commercial Normalized GWh Sales



AEP Industrial GWh Sales



AEP Total Normalized GWh Sales

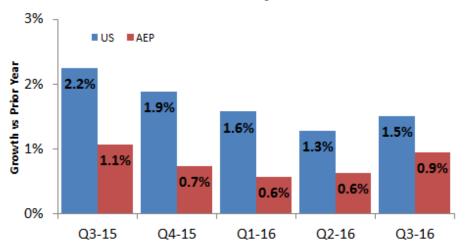


Note: Charts reflect connected load and exclude firm wholesale load & Buckeye Power backup load.

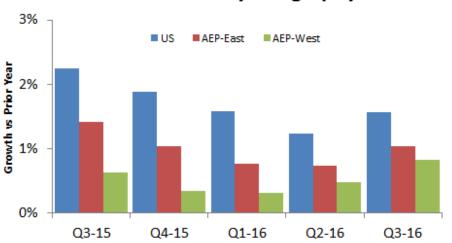


Economic Data

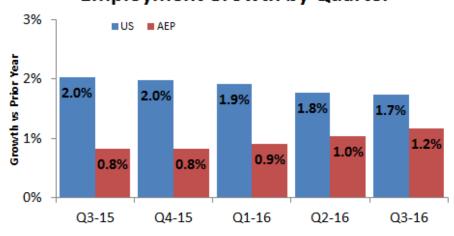
GDP Growth by Quarter



GDP Growth by Geography



Employment Growth by Quarter



Employment Growth by Geography

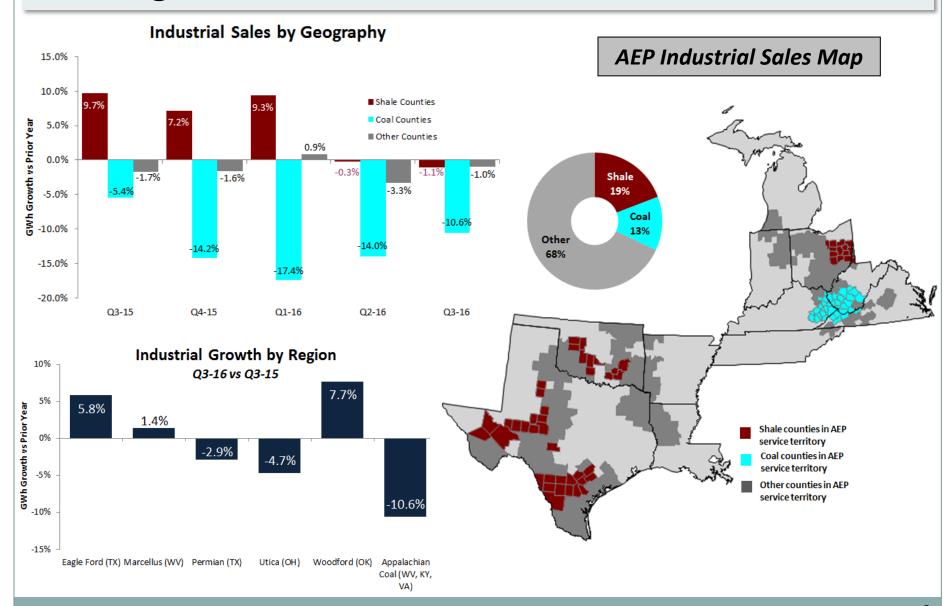


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Source – Moody's Analytics



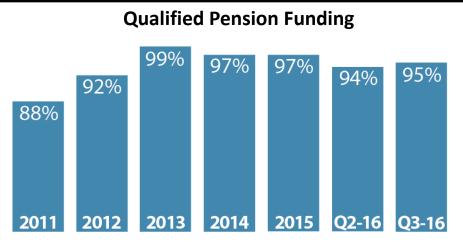
Regional Industrial Sales Trends





Capitalization & Liquidity





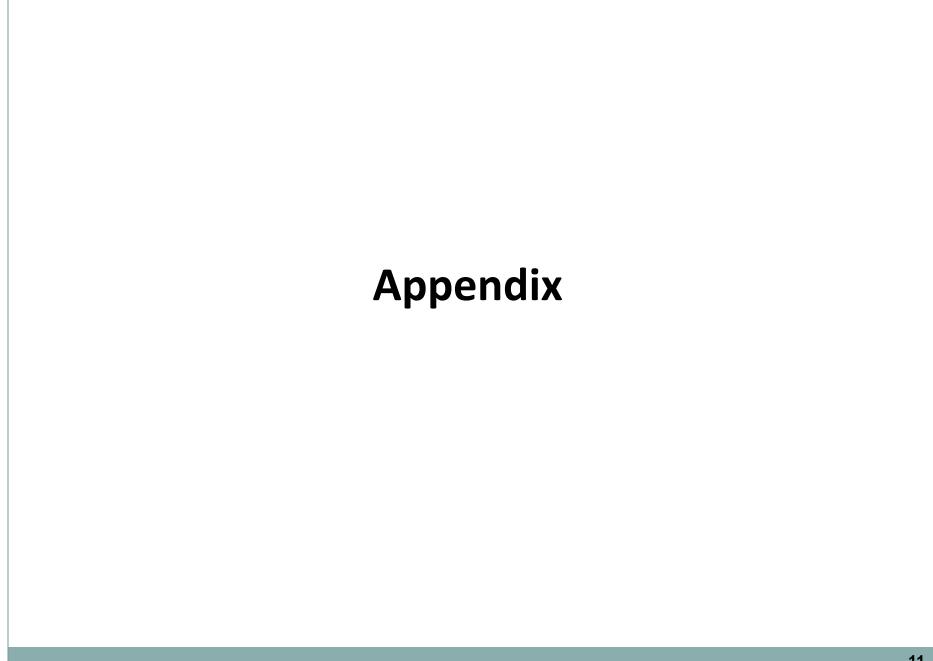
Credit Statistics

	Actual	Target
FFO Interest Coverage	5.9x	>3.6x
FFO to Total Debt	21.8%	15%-20%

Note: Credit statistics represent the trailing 12 months as of 9/30/2016

Liquidity Summary

(unaudited)	9/30/2016 Actual		
(\$ in millions)	Amount	Maturity	
Revolving Credit Facility	\$3,000	Jun-21	
Revolving Credit Facility	\$500	Jun-18	
Total Credit Facilities	\$3,500		
Plus			
Cash & Cash Equivalents	\$212		
Less			
Commercial Paper Outstanding	(728)		
Letters of Credit Issued	-		
Net Available Liquidity	\$2,984		





Asset Impairment Impact

Assets: Ohio (Cardinal, Conesville 4-6, Stuart, Zimmer) and others

Pre-tax impairment of \$2.3 Billion

After-tax impairment of \$1.5 Billion

GAAP EPS impact of \$2.98 per share

Remaining net book value of \$50 Million



3rd Quarter Reconciliation of GAAP to Operating Earnings

		\$ millions		Earn	ings Per S	hare
	Q3-15	Q3-16	Change	Q3-15	Q3-16	Change
GAAP Earnings (Loss)	\$519	(\$766)	(\$1,285)	\$1.06	(\$1.56)	(\$2.62)
Non Operating Items:						
Mark-to-Market Impact of Commodity Hedging Activities	2	2	-	-	-	-
Disposition of Commercial Barge Operations	-	(17)	(17)	-	(0.03)	(0.03)
Capital Loss Valuation Adj.	-	(44)	(44)	-	(0.09)	(0.09)
Impairment of Certain Merchant Generation Assets	-	1,465	1,465	-	2.98	2.98
Subtotal:	2	1,406	1,404	-	2.86	2.86
Operating Earnings	\$521	\$640	\$119	\$1.06	\$1.30	\$0.24

Weighted average no. of shares outstanding: 491M Q3-15 & 492M Q3-16



YTD September Reconciliation of GAAP to Operating Earnings

		\$ millions	3	Earn	ings Per S	hare
	YTD-15	YTD-16	Change	YTD-15	YTD-16	Change
GAAP Earnings	\$1,578	\$238	(\$1,340)	\$3.22	\$0.48	(\$2.74)
Non Operating Items:						
Mark-to-Market Impact of Commodity Hedging Activities	(3)	(2)	1	(0.01)	-	0.01
Disposition of Commercial Barge Operations	-	5	5	-	0.01	0.01
Capital Loss Valuation Adj.	-	(44)	(44)	-	(0.09)	(0.09)
Federal Tax Audit Settlement	-	(55)	(55)	-	(0.11)	(0.11)
Impairment of Certain Merchant Generation Assets	-	1,465	1,465	-	2.98	2.98
Subtotal:	(3)	1,369	1,372	(0.01)	2.79	2.80
Operating Earnings	\$1,575	\$1,607	\$32	\$3.21	\$3.27	\$0.06

Weighted average no. of shares outstanding: 490M YTD-15 & 491M YTD-16



Vertically Integrated Utilities

Third Quarter Summary

	Q3-15	Q3-16
\$ millions (except EPS)		
Operating Revenues	\$2,471	\$2,556
Operating Expenses:		
Energy Costs	(931)	(858)
Operations & Maintenance	(653)	(673)
Depreciation & Amortization	(264)	(278)
Taxes Other Than Income Taxes	(97)	(99)
Operating Income	526	648
Net Interest/AFUDC	(109)	(125)
Income Taxes	(142)	(176)
Other	(1)	2
Operating Earnings	\$274	\$349
Proforma Adjustments, Net of Tax	-	(7)
GAAP Earnings	\$274	\$342
EPS from Operating Earnings	\$0.56	\$0.71

Key Drivers: Q3-16 vs. Q3-15

- Rate changes: \$49M of rate increases at SWEPCo, KPCo, APCo/WPCo, PSO, I&M and Kingsport
- Weather: \$53M favorable vs. prior year; \$58M favorable vs. normal
- Normalized Retail Load: \$27M unfavorable vs. prior year primarily due to unfavorable retail price variances and decreased commercial and industrial sales
- ✓ O&M: \$47M favorable (net of offsets) vs. prior year primarily due to decreased employee-related expenses, favorable plant outage costs, and decreased forestry expense
- Income Taxes: effective tax rate of 33.3% Q3-16 vs. 34.2% Q3-15

See slide 13 for items excluded from Net Income to reconcile to Operating Earnings



Vertically Integrated Utilities

YTD Summary

	YTD-15	YTD-16
\$ millions (except EPS)		
Operating Revenues	\$7,159	\$6,928
Operating Expenses:		
Energy Costs	(2,695)	(2,300)
Operations & Maintenance	(1,844)	(1,927)
Depreciation & Amortization	(802)	(815)
Taxes Other Than Income Taxes	(288)	(295)
Operating Income	1,530	1,591
Net Interest/AFUDC	(333)	(354)
Income Taxes	(416)	(402)
Other	(1)	1
Operating Earnings	\$780	\$836
Proforma Adjustments, Net of Tax	-	(7)
GAAP Earnings	\$780	\$829
EPS from Operating Earnings	\$1.59	\$1.70

See slide 14 for items excluded from Net Income to reconcile to Operating Earnings

Key Drivers: YTD-16 vs. YTD-15

- Rate changes: \$102M of rate increases primarily at KPCo, PSO, and APCo/WPCo, including recognition of \$25 million of deferred WV rate billings
- VA regulatory provision: \$23M unfavorable due to reversal in prior year
- ✓ Weather: \$29M unfavorable vs. prior year; \$46M favorable vs. normal
- Normalized Retail load: \$14M unfavorable vs. prior year primarily due to decreased commercial and industrial sales
- Off-System Sales: \$20M unfavorable vs. prior year due to lower market prices
- ✓ O&M: \$29M favorable (net of offsets) vs. prior year primarily due to decreased plant outage and forestry expenses, partially offset by increased transmission and distribution services and higher storm costs
- Income Taxes: effective tax rate of 32.3% YTD-16 vs. 34.7% YTD-15



Transmission & Distribution Utilities

Third Quarter Summary

	Q3-15	Q3-16
\$ millions (except EPS)		
Operating Revenues	\$1,189	\$1,276
Operating Expenses:		
Energy Costs	(284)	(320)
Operations & Maintenance	(348)	(358)
Depreciation & Amortization	(198)	(181)
Taxes Other Than Income Taxes	(122)	(132)
Operating Income	237	285
Net Interest/AFUDC	(65)	(59)
Income Taxes	(59)	(70)
Operating & GAAP Earnings	\$113	\$156
EPS from Operating Earnings	\$0.23	\$0.32

Key Drivers: Q3-16 vs. Q3-15

- ✓ Rate changes: \$24M primarily from Ohio Phasein Recovery Rider and Distribution Investment Rider, and Texas Distribution Cost Recovery Factor
- ✓ Normalized Retail Load: \$11M favorable primarily due to increased residential sales in Ohio and Texas
- ✓ ERCOT Transmission Revenue: \$9M favorable due to increased transmission investment
- ✓ Weather: \$2M favorable vs. prior year; \$7M favorable vs. normal
- ✓ O&M: \$22M favorable (net of offsets) vs. prior year primarily due to decreased employeerelated expenses and lower forestry expense
- ✓ Income Taxes: effective tax rate of 31.0% Q3-16 vs. 34.3% Q3-15.



Transmission & Distribution Utilities

YTD Summary

	YTD-15	YTD-16
\$ millions (except EPS)		
Operating Revenues	\$3,520	\$3,468
Operating Expenses:		
Energy Costs	(1,042)	(835)
Operations & Maintenance	(956)	(1,008)
Depreciation & Amortization	(536)	(505)
Taxes Other Than Income Taxes	(362)	(373)
Operating Income	624	747
Net Interest/AFUDC	(180)	(177)
Income Taxes	(156)	(182)
Operating & GAAP Earnings	\$288	\$388
EPS from Operating Earnings	\$0.59	\$0.79

Key Drivers: YTD-16 vs. YTD-15

- ✓ Rate changes: \$36M primarily from Ohio Phase-in Recovery Rider and Distribution Investment Rider, and Texas Distribution Cost Recovery Factor
- ✓ OH Regulatory Provision \$21M favorable due to current year reversal of provision
- Normalized Retail Load: \$24M favorable primarily due to increased residential and commercial sales in both Ohio and Texas
- ✓ Weather: \$6M unfavorable vs. prior year; \$4M favorable vs. normal
- ✓ ERCOT Transmission Revenue: \$27M favorable due to increased transmission investment
- ✓ O&M: \$36M favorable (net of offsets) primarily due to decreased distribution and forestry expenses and a prior year donation to the Ohio Growth Fund
- ✓ Income Taxes: effective tax rate of 31.9% YTD-16 vs. 35.2% YTD-15



AEP Transmission Holdco

Third Quarter Summary

	Q3-15	Q3-16
\$ millions (except EPS)		
Operating Revenues	\$88	\$132
Operating Expenses:		
Operations & Maintenance	(11)	(12)
Depreciation & Amortization	(12)	(17)
Taxes Other Than Income Taxes	(17)	(23)
Operating Income	48	80
Net Interest/AFUDC	4	1
Income Taxes	(23)	(35)
Equity Earnings	17	23
Other	-	-
Operating & GAAP Earnings	\$46	\$69
EPS from Operating Earnings	\$0.09	\$0.14

Key Drivers: Q3-16 vs. Q3-15

√ \$32M favorable operating income due to increased capital investment in the whollyowned Transcos, partially offset by higher depreciation, O&M and taxes from an increase in projects placed in service



AEP Transmission Holdco

YTD Summary

	YTD-15	YTD-16
\$ millions (except EPS)		
Operating Revenues	\$245	\$383
Operating Expenses:		
Operations & Maintenance	(27)	(33)
Depreciation & Amortization	(30)	(48)
Taxes Other Than Income Taxes	(50)	(66)
Operating Income	138	236
Net Interest/AFUDC	13	4
Income Taxes	(66)	(103)
Equity Earnings	63	73
Other	(1)	(2)
Operating & GAAP Earnings	\$147	\$208
EPS from Operating Earnings	\$0.30	\$0.42

Key Drivers: YTD-16 vs. YTD-15

√ \$98M favorable operating income due to a \$29M increase in the annual formula rate true-up in Q2 and increased capital investment in the wholly-owned Transcos, partially offset by higher depreciation, O&M and taxes from an increase in projects placed in service



Generation & Marketing

Third Quarter Summary

	Q3-15	Q3-16
\$ millions (except EPS)		
Operating Revenues	\$840	\$863
Operating Expenses:		
Energy Costs	(565)	(567)
Operations & Maintenance	(60)	(96)
Depreciation & Amortization	(51)	(51)
Taxes Other Than Income Taxes	(10)	(9)
Operating Income	154	140
Net Interest/AFUDC	(10)	(9)
Income Taxes	(51)	(50)
Operating Earnings	93	81
Proforma Adjustments, Net of Tax	(2)	(1,450)
GAAP Earnings (Loss)	\$91	(\$1,369)
EPS from Operating Earnings	\$0.19	\$0.16

Key Drivers: Q3-16 vs. Q3-15

- ✓ AEP Dayton ATC liquidation pricing up 3%:
 \$30.56/MWh in Q3-16 vs. \$29.72/MWh in Q3-15
- ✓ Generation increased 927 GWh (9%) Q3-16 vs. Q3-15
- √ \$8M increase in trading and marketing activity vs. prior year
- √ \$14M increase in retail margins and volume
- ✓ O&M: \$36M unfavorable vs. prior year primarily due to prior year settlement of asset retirement obligations
- ✓ Income Taxes: effective tax rate of 38.2% Q3-16 vs. 34.7% Q3-15



Generation & Marketing

YTD Summary

	YTD-15	YTD-16
\$ millions (except EPS)		
Operating Revenues	\$2,803	\$2,289
Operating Expenses:		
Energy Costs	(1,771)	(1,491)
Operations & Maintenance	(277)	(290)
Depreciation & Amortization	(152)	(150)
Taxes Other Than Income Taxes	(30)	(29)
Operating Income	573	329
Net Interest/AFUDC	(29)	(26)
Income Taxes	(187)	(106)
Operating Earnings	357	197
Proforma Adjustments, Net of Tax	3	(1,446)
GAAP Earnings (Loss)	\$360	(\$1,249)
EPS from Operating Earnings	\$0.73	\$0.40

Key Drivers: YTD-16 vs. YTD-15

- ✓ Capacity revenues decreased \$143M primarily due to plant retirements and transition of Ohio to full market pricing
- ✓ Energy margins decreased \$75M primarily due to lower power prices
- ✓ AEP Dayton ATC liquidation pricing down 17%:
 \$27.35/MWh YTD-16 vs. \$32.99/MWh YTD-15
- ✓ Generation decreased 4,332 GWh (13%) YTD-16 vs. YTD-15 primarily due to units retiring in Q2-15
- √ \$6M decrease in trading and marketing activity vs. prior year
- ✓ O&M: \$13M unfavorable primarily due to prior year settlement of asset retirement obligations partially offset by favorable O&M from plant retirements in Q2 2015
- ✓ Income Taxes: effective tax rate of 34.8% YTD-16 vs. 34.2% YTD-15

See slide 14 for items excluded from Net Income to reconcile to Operating Earnings



3rd Quarter Retail Rate Performance

Vertically Integrated Utilities

	Rate Changes, net of offsets (in millions)
	Q3-16 vs. Q3-15
APCo/WPCo	\$9
I&M	\$8
КРСо	\$10
PSO	\$12
SWEPCO	\$9
Kingsport	\$1
TOTAL	\$49
Impact on EPS	\$0.06

	Rate Changes, net of offsets (in millions)
	Q3-16 vs. Q3-15
Ohio Power	\$20
Texas Central	\$3
Texas North	\$1
TOTAL	\$24
Impact on EPS	\$0.03



YTD Retail Rate Performance

Vertically Integrated Utilities

	Rate Changes, net of offsets (in millions)
	YTD-16 vs. YTD-15
APCo/WPCo	\$60
I&M	\$2
КРСо	\$21
PSO	\$20
SWEPCO	(\$2)
Kingsport	\$1
TOTAL	\$102
Impact on EPS	\$0.13

	Rate Changes, net of offsets (in millions)
	YTD-16 vs. YTD-15
Ohio Power	\$32
Texas Central	\$3
Texas North	\$1
TOTAL	\$36
Impact on EPS	\$0.05



3rd Quarter Normalized Retail Load Performance

Vertically Integrated Utilities

	Retail Load* (weather normalized) Q3-16 vs. Q3-15
APCo/WPCo	-0.9%
I&M	1.3%
КРСо	-9.7%
PSO	0.1%
SWEPCO	-2.6%
Kingsport	-2.0%
TOTAL	-1.2%
Impact on EPS	\$0.04

	Retail Load* (weather normalized) Q3-16 vs. Q3-15
Ohio Power	-0.1%
Texas Central	1.7%
Texas North	-3.4%
TOTAL	0.3%
Impact on EPS	\$0.02

^{*}Excludes Firm Wholesale Load



YTD Normalized Retail Load Performance

Vertically Integrated Utilities

	Retail Load* (weather normalized) YTD-16 vs. YTD-15
APCo/WPCo	-1.8%
I&M	1.7%
КРСо	-7.8%
PSO	0.7%
SWEPCO	-2.3%
Kingsport	-3.5%
TOTAL	-1.2%
Impact on EPS	\$0.02

	Retail Load* (weather normalized) YTD-16 vs. YTD-15
Ohio Power	-1.1%
Texas Central	4.2%
Texas North	-1.4%
TOTAL	0.7%
Impact on EPS	\$0.03

^{*}Excludes Firm Wholesale Load



3rd Quarter Weather Impact vs. Prior Year

Vertically Integrated Utilities

	Weather Impact (in millions)
	Q3-16 vs. Q3-15
APCo/WPCo	\$25
I&M	\$15
КРСо	\$8
PSO	\$4
SWEPCO	-
Kingsport	\$1
TOTAL	\$53
Impact on EPS	\$0.07

	Weather Impact (in millions)
	Q3-16 vs. Q3-15
Ohio Power	-
Texas Central	\$3
Texas North	(\$1)
TOTAL	\$2
Impact on EPS	-



YTD Weather Impact vs. Prior Year

Vertically Integrated Utilities

	Weather Impact (in millions)
	YTD-16 vs. YTD-15
APCo/WPCo	(\$10)
I&M	(\$1)
КРСо	(\$1)
PSO	\$1
SWEPCO	(\$18)
Kingsport	-
TOTAL	(\$29)
Impact on EPS	\$0.04

	Weather Impact (in millions)
	YTD-16 vs. YTD-15
Ohio Power	-
Texas Central	(\$3)
Texas North	(\$3)
TOTAL	(\$6)
Impact on EPS	\$0.01