

# Quarterly HighLIGHTS

## 2Q 2016 Earnings Call

Charles E. Jones, President and CEO  
James F. Pearson, EVP and CFO

July 29, 2016



# Forward-Looking Statement

This presentation includes forward-looking statements based on information currently available to management. Such statements are subject to certain risks and uncertainties. These statements include declarations regarding management's intents, beliefs and current expectations. These statements typically contain, but are not limited to, the terms "anticipate," "potential," "expect," "forecast," "target," "will," "intend," "believe," "project," "estimate," "plan" and similar words. Forward-looking statements involve estimates, assumptions, known and unknown risks, uncertainties and other factors that may cause actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements, which may include the following: the speed and nature of increased competition in the electric utility industry, in general, and the retail sales market in particular; the ability to experience growth in the Regulated Distribution and Regulated Transmission segments; the accomplishment of our regulatory and operational goals in connection with our transmission investment plan, including, but not limited to, the proposed transmission asset transfer to Mid-Atlantic Interstate Transmission, LLC, and the effectiveness of our strategy to reflect a more regulated business profile; changes in assumptions regarding economic conditions within our territories, assessment of the reliability of our transmission system, or the availability of capital or other resources supporting identified transmission investment opportunities; the impact of the regulatory process and resulting outcomes on the matters at the federal level and in the various states in which we do business including, but not limited to, matters related to rates and the Electric Security Plan IV; the impact of the federal regulatory process on Federal Energy Regulatory Commission (FERC)-regulated entities and transactions, in particular FERC regulation of wholesale energy and capacity markets, including PJM Interconnection, L.L.C. (PJM) markets and FERC-jurisdictional wholesale transactions; FERC regulation of cost-of-service rates, including FERC Opinion No. 531's revised Return on Equity methodology for FERC-jurisdictional wholesale generation and transmission utility service; and FERC's compliance and enforcement activity, including compliance and enforcement activity related to North American Electric Reliability Corporation's mandatory reliability standards; the uncertainties of various cost recovery and cost allocation issues resulting from American Transmission Systems, Incorporated's realignment into PJM; economic or weather conditions affecting future sales and margins such as a polar vortex or other significant weather events, and all associated regulatory events or actions; changing energy, capacity and commodity market prices including, but not limited to, coal, natural gas and oil prices, and their availability and impact on margins and asset valuations, including without limitation impairments thereon; the risks and uncertainties at the CES segment, including FES, related to continued depressed wholesale energy and capacity markets, including the potential need to deactivate or sell additional generating units; the continued ability of our regulated utilities to recover their costs; costs being higher than anticipated and the success of our policies to control costs and to mitigate low energy, capacity and market prices; other legislative and regulatory changes, and revised environmental requirements, including, but not limited to, the effects of the United States Environmental Protection Agency's Clean Power Plan, Coal Combustion Residuals regulations, Cross-State Air Pollution Rule and Mercury and Air Toxics Standards programs, including our estimated costs of compliance, Clean Water Act (CWA) waste water effluent limitations for power plants, and CWA 316(b) water intake regulation; the uncertainty of the timing and amounts of the capital expenditures that may arise in connection with any litigation, including New Source Review litigation, or potential regulatory initiatives or rulemakings (including that such initiatives or rulemakings could result in our decision to deactivate or idle certain generating units); the uncertainties associated with the deactivation of certain older regulated and competitive fossil units, including the impact on vendor commitments, such as long-term fuel and transportation agreements, and as it relates to the reliability of the transmission grid, the timing thereof; the impact of other future changes to the operational status or availability of our generating units and any capacity performance charges associated with unit unavailability; adverse regulatory or legal decisions and outcomes with respect to our nuclear operations (including, but not limited to, the revocation or non-renewal of necessary licenses, approvals or operating permits by the Nuclear Regulatory Commission or as a result of the incident at Japan's Fukushima Daiichi Nuclear Plant); issues arising from the indications of cracking in the shield building at Davis-Besse; the risks and uncertainties associated with litigation, arbitration, mediation and like proceedings, including, but not limited to, any such proceedings related to vendor commitments, such as long-term fuel and transportation agreements; the impact of labor disruptions by our unionized workforce; replacement power costs being higher than anticipated or not fully hedged; the ability to comply with applicable state and federal reliability standards and energy efficiency and peak demand reduction mandates; changes in customers' demand for power, including, but not limited to, changes resulting from the implementation of state and federal energy efficiency and peak demand reduction mandates; the ability to accomplish or realize anticipated benefits from strategic and financial goals, including, but not limited to, the ability to continue to reduce costs and to successfully execute our financial plans designed to improve our credit metrics and strengthen our balance sheet through, among other actions, our cash flow improvement plan and other proposed capital raising initiatives; our ability to improve electric commodity margins and the impact of, among other factors, the increased cost of fuel and fuel transportation on such margins; changing market conditions that could affect the measurement of certain liabilities and the value of assets held in our Nuclear Decommissioning Trusts, pension trusts and other trust funds, and cause us and/or our subsidiaries to make additional contributions sooner, or in amounts that are larger than currently anticipated; the impact of changes to material accounting policies; the ability to access the public securities and other capital and credit markets in accordance with our financial plans, the cost of such capital and overall condition of the capital and credit markets affecting us and our subsidiaries; actions that may be taken by credit rating agencies that could negatively affect us and/or our subsidiaries' access to financing, increase the costs thereof, and increase requirements to post additional collateral to support outstanding commodity positions, letters of credit and other financial guarantees; changes in national and regional economic conditions affecting us, our subsidiaries and/or our major industrial and commercial customers, and other counterparties with which we do business, including fuel suppliers; the impact of any changes in tax laws or regulations or adverse tax audit results or rulings; issues concerning the stability of domestic and foreign financial institutions and counterparties with which we do business; the risks associated with cyber-attacks and other disruptions to our information technology system that may compromise our generation, transmission and/or distribution services and data security breaches of sensitive data, intellectual property and proprietary or personally identifiable information regarding our business, employees, shareholders, customers, suppliers, business partners and other individuals in our data centers and on our networks; and the risks and other factors discussed from time to time in our United States Securities and Exchange Commission (SEC) filings, and other similar factors. Dividends declared from time to time on FirstEnergy Corp.'s common stock during any period may in the aggregate vary from prior periods due to circumstances considered by FirstEnergy Corp.'s Board of Directors at the time of the actual declarations. A security rating is not a recommendation to buy or hold securities and is subject to revision or withdrawal at any time by the assigning rating agency. Each rating should be evaluated independently of any other rating. The foregoing factors should not be construed as exhaustive and should be read in conjunction with the other cautionary statements and risks that are included in our filings with the SEC, including but not limited to the most recent Annual Report on Form 10-K and any subsequent Quarterly Reports on Form 10-Q. New factors emerge from time to time, and it is not possible for management to predict all such factors, nor assess the impact of any such factor on our business or the extent to which any factor, or combination of factors, may cause results to differ materially from those contained in any forward-looking statements. FirstEnergy expressly disclaims any current intention to update, except as required by law, any forward-looking statements contained herein as a result of new information, future events or otherwise.

# Non-GAAP Financial Matters

This presentation contains references to non-GAAP financial measures including, among others, Operating earnings. In addition, Basic EPS and Basic EPS-Operating, each calculated on a segment basis, are also non-GAAP financial measures. Generally, a non-GAAP financial measure is a numerical measure of a company's historical or future financial performance, financial position, or cash flows that either excludes or includes amounts that are not normally excluded or included in the most directly comparable measure calculated and presented in accordance with accounting principles generally accepted in the United States (GAAP). Operating earnings are not calculated in accordance with GAAP because they exclude the impact of "special items". Basic EPS for each segment is calculated by dividing segment net income (loss) on a GAAP basis by the basic weighted average shares outstanding for the period. Basic EPS-Operating for each segment is calculated by dividing segment Operating earnings, which exclude special items as discussed above, by the basic weighted average shares outstanding for the period. Management uses non-GAAP financial measures such as Operating earnings to evaluate the company's performance and manage its operations and frequently references these non-GAAP financial measures in its decision-making, using them to facilitate historical and ongoing performance comparisons. Additionally, management uses Basic EPS and Basic EPS-Operating by segment to further evaluate FirstEnergy's performance by segment and references these non-GAAP financial measures in its decision-making. Management believes that the non-GAAP financial measures of "Operating earnings," "Basic EPS" by segment and "Basic EPS-Operating" by segment provide consistent and comparable measures of performance of its businesses to help shareholders understand performance trends. All of these non-GAAP financial measures are intended to complement, and are not considered as alternatives to, the most directly comparable GAAP financial measures. Also, the non-GAAP financial measures may not be comparable to similarly titled measures used by other entities.

Pursuant to the requirements of Regulation G, FirstEnergy has provided quantitative reconciliations within this presentation of the non-GAAP financial measures to the most directly comparable GAAP financial measures. Refer to appendix pages 11-17.

# Financial Highlights

## 2016 Earnings Results

- Reported 2Q16 GAAP losses of (\$2.56) per basic share
- Reported 2Q16 Operating (non-GAAP) earnings\* of \$0.56 per basic share
  - Difference between GAAP and operating earnings primarily reflect 2Q16 asset impairment/plant exit costs at Competitive Energy Services segment (CES)

## 2016 Earnings Guidance

- 2016 GAAP earnings forecast of (\$0.75) – (\$0.55) per basic share
- 2016 Operating (non-GAAP) earnings guidance\* range of \$2.40 - \$2.60 per basic share
  - Difference between GAAP and operating earnings primarily reflect 2Q16 asset impairment/plant exit costs at CES
- Excludes any impact of a final regulatory outcome in Ohio
- Includes up to \$500M in additional equity in 2016

## 3Q16 Earnings Guidance

- 3rd Quarter 2016 GAAP earnings forecast of \$0.63 – \$0.73 per basic share
- 3rd Quarter 2016 Operating (non-GAAP) earnings guidance\* range of \$0.65 – \$0.75 per basic share

\* Refer to the appendix (pg.11-16) for reconciliations between GAAP and Operating (non-GAAP) earnings

# Quarterly Highlights

## Regulatory Updates

- **Ohio ESP IV:** Expect to complete hearings next week; primarily focused on modified Rider RRS proposal and PUCO Staff's testimony that proposed a Distribution Modernization Rider
- **Pennsylvania Rate Case:** Received procedural schedule; public hearings to begin September 6
- **New Jersey Rate Case:** Rate request has moved to the OAL; awaiting a procedural schedule
- **Mid-Atlantic Interstate Transmission (MAIT):**
  - PA: Received PPUC approval to move Met-Ed and Penelec transmission assets into MAIT
  - NJ: Procedural schedule issued July 18 with evidentiary hearings to begin in late October / early November

## Competitive Updates

- **Recent announcements:**
  - Asset Impairment/Plant Exit Costs
    - Announced intent to sell or deactivate Bay Shore by October 2020; pre-tax impairment charge of \$150M
    - Announced intent to deactivate Sammis Units 1-4 by May 2020; pre-tax impairment charge of \$497M
    - Recognized a pre-tax charge of \$58M related to the termination and settlement of fuel contracts associated with deactivated plants
    - Recognized a pre-tax goodwill impairment charge of \$800M, representing the goodwill at CES
    - Recognized valuation allowances against state and local net operating loss carryforwards of \$159M

# Quarterly Highlights

## Competitive Updates

- Continue to seek opportunities to further de-risk the business and convert megawatts to a regulated or regulated-like construct
- Look at all alternatives that are constructive from a credit and cash perspective, including possible sale or deactivation of units
- Expect to be cash flow positive each year 2016 through 2018

## Rating Agency Updates

- S&P placed FirstEnergy Solutions and its CES affiliates on CreditWatch with negative implications
- Expect both S&P and Moody's to review our CES entities at committee meetings, which may result in a downgrade of those entities to non-investment grade
- Remain committed to maintaining investment grade ratings at our regulated businesses and improving FE Corp's metrics

**We remain firmly focused on continuing to position our company for success through our customer-focused strategy**

# 2Q 2016 Financial Summary

- **Reported 2Q16 GAAP losses of (\$2.56) per share compared to GAAP earnings of \$0.44 per share in 2Q15**
  - 2Q16 GAAP results include special items totaling \$3.12 per share, which includes asset impairment/plant exit costs, mark-to-market adjustments, merger accounting for commodity contracts and regulatory charges
  - 2Q15 GAAP results include special items totaling \$0.09 per share, which includes regulatory charges, merger accounting for commodity contracts, plant exit costs, retail repositioning charges, trust securities impairments, impact of non-core asset sales/impairments, and mark-to-market adjustments
  - For a complete reconciliation between GAAP and Operating (non-GAAP) earnings\*, refer to the appendix (pg. 11)
- **Reported 2Q16 operating (non-GAAP) earnings\* of \$0.56 per share, which were in line with our expectations at all three segments, an increase of \$0.03 from 2Q15 operating (non-GAAP) earnings\* of \$0.53 per share**

\* Refer to the appendix (pg.11) for reconciliations between GAAP and Operating (non-GAAP) earnings

# 2Q 2016 Earnings Summary

Quarter-over-Quarter Drivers (GAAP / Operating\*)

2Q16 vs. 2Q15 Earnings Per Share Variance		
	GAAP	Operating*
Regulated Distribution	(\$0.02)	(\$0.03)
Regulated Transmission	(\$0.04)	(\$0.04)
Competitive Energy Services	(\$2.94)	+\$0.10
Corp/Other	---	---
FE Consolidated	(\$3.00)	+\$0.03

## ■ Regulated Distribution (\$0.02) / (\$0.03):

- Results were impacted primarily by higher retirement benefit costs and lower distribution deliveries associated with a decline in average customer usage, partially offset by the full impact of new distribution rates in PA
- Total distribution deliveries decreased by 1.7% in 2Q16; weather-related usage essentially flat
- Continued growth in the shale gas sector was more than offset by lower usage from steel and coal mining, however, this quarter also reflects a number of temporary shutdowns
- Special Items – Regulatory charges reflecting the impact of regulatory orders requiring certain commitments and/or disallowing the recoverability of costs

## ■ Regulated Transmission (\$0.04) / (\$0.04):

- Results impacted by ATSI's and TrAIL's annual update to their formula rates for costs previously recovered, a lower ROE at ATSI, and higher net financing costs, partially offset by higher rate base at ATSI and TrAIL

## ■ Competitive Energy Services (\$2.94) / +\$0.10:

- Higher commodity margin due to higher capacity revenues, lower purchased power, higher wholesale sales, and lower fossil fuel expense, partially offset by lower contract sales which decreased in line with our hedging strategy
- Special Items – Impact of asset impairment/plant exit costs, mark-to-market adjustments, and merger accounting for commodity contracts

## ■ Corporate (Flat) / (Flat):

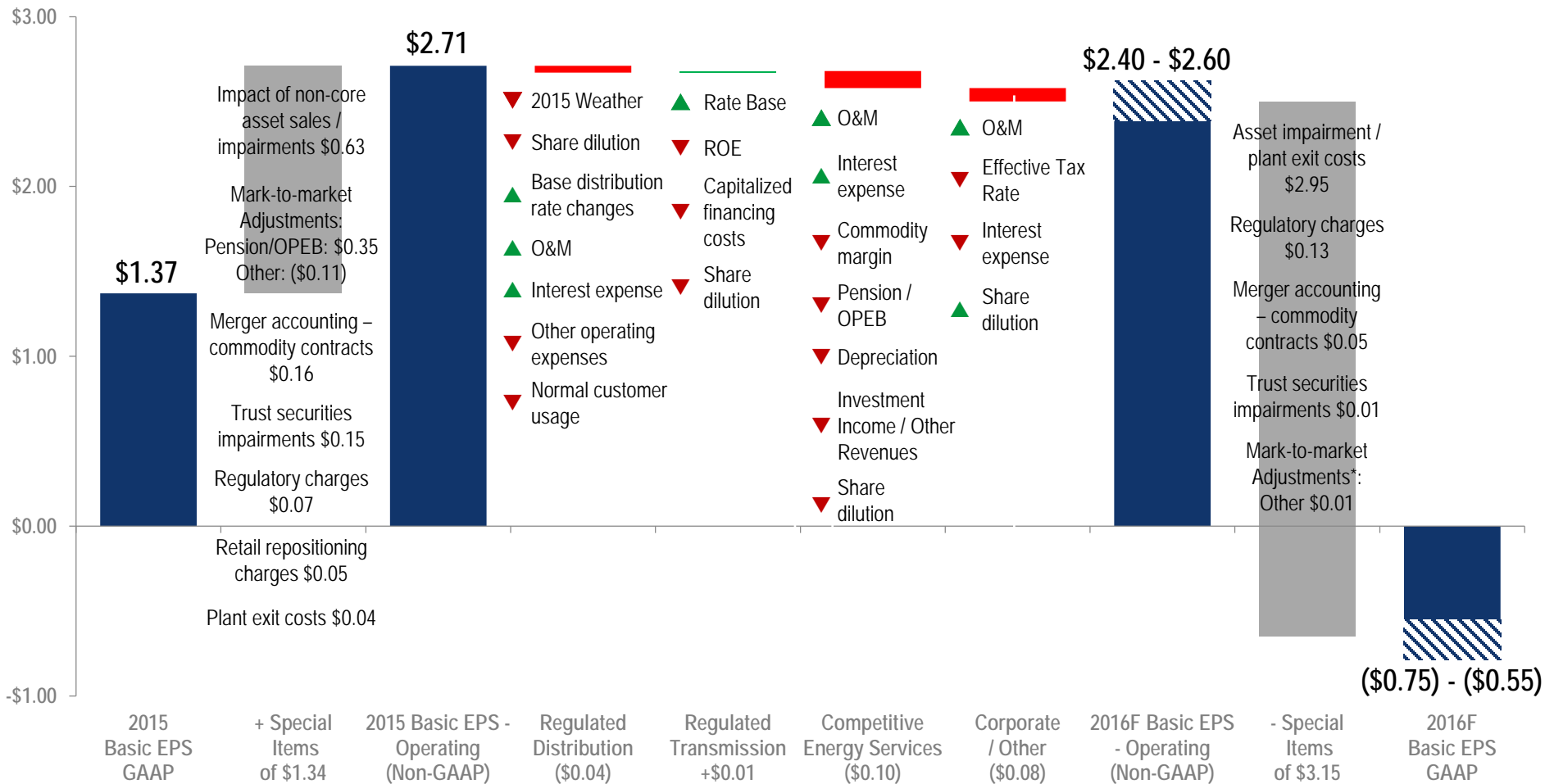
- No significant quarterly drivers

Per share amounts for the special items and earnings drivers above and throughout this report are based on the after-tax effect of each item divided by the weighted average basic shares outstanding for the period. The current and deferred income tax effect was calculated by applying the subsidiaries' statutory tax rate to the pre-tax amount with the exception of Asset impairment/Plant exit costs that included an impairment of goodwill, of which \$433 million of the \$800 million pre-tax impairment was non-deductible for tax purposes, and valuation allowances against state and local NOL carryforwards of \$159 million. With the exception of these items included in Asset impairment/Plant exit costs, the income tax rates range from 35% to 42%.

\* Refer to the appendix (pg. 11) for reconciliation between GAAP and Operating (non-GAAP) earnings



# 2016 Earnings Guidance



Per share amounts for the special items and earnings drivers above and throughout this report are based on the after-tax effect of each item divided by the weighted average basic shares outstanding and assumes up to \$600 million of additional equity in 2016 of which \$95 million is related to employee benefit plans. The current and deferred income tax effect was calculated by applying the subsidiaries' statutory tax rate to the pre-tax amount with the exception of Asset impairment/Plant exit costs that included an impairment of goodwill, of which \$433 million of the \$800 million pre-tax impairment was non-deductible for tax purposes, and valuation allowances against state and local NOL carryforwards of \$159 million. With the exception of these items included in Asset impairment/Plant exit costs, the income tax rates range from 35% to 42%.

\* The year-end 2016 Pension/OPEB mark-to-market adjustment is unable to be determined or projected at this time.

Note: Refer to the appendix (pg. 13) for reconciliation between GAAP and Operating (non-GAAP) earnings

FIRSTENERGY

# Appendix

# Earnings Per Share (EPS) – 2Q 2016 and 2Q 2015

## Reconciliation of GAAP to Operating (Non-GAAP) Earnings

(In millions, except per share amounts)

Three Months Ended June 30, 2016					
	Regulated Distribution	Regulated Transmission	Competitive Energy Services	Corporate / Other	FirstEnergy Corp. Consolidated
2Q 2016 Net Income (Loss) - GAAP	\$ 146	\$ 71	\$ (1,259)	\$ (47)	\$ (1,089)
2Q 2016 Basic Earnings (Losses) per share (avg. shares outstanding 425M)	\$ 0.35	\$ 0.17	\$ (2.96)	\$ (0.12)	\$ (2.56)
Excluding Special Items:					
Regulatory charges	0.01	—	—	—	0.01
Merger accounting - commodity contracts	—	—	0.01	—	0.01
Asset impairment/Plant exit costs	—	—	2.99	—	2.99
Mark-to-market adjustments	—	—	0.11	—	0.11
Total Special Items	\$ 0.01	\$ —	\$ 3.11	\$ —	\$ 3.12
Basic EPS - Operating (Non-GAAP)	\$ 0.36	\$ 0.17	\$ 0.15	\$ (0.12)	\$ 0.56

Three Months Ended June 30, 2015					
	Regulated Distribution	Regulated Transmission	Competitive Energy Services	Corporate / Other	FirstEnergy Corp. Consolidated
2Q 2015 Net Income (Loss) - GAAP	\$ 156	\$ 89	\$ (8)	\$ (50)	\$ 187
2Q 2015 Basic Earnings (Losses) per share (avg. shares outstanding 422M)	\$ 0.37	\$ 0.21	\$ (0.02)	\$ (0.12)	\$ 0.44
Excluding Special Items:					
Regulatory charges	0.02	—	—	—	0.02
Trust securities impairment	—	—	0.02	—	0.02
Merger accounting - commodity contracts	—	—	0.02	—	0.02
Plant exit costs	—	—	0.01	—	0.01
Impact of non-core asset sales/impairments	—	—	0.02	—	0.02
Retail repositioning charges	—	—	0.01	—	0.01
Mark-to-market adjustments	—	—	(0.01)	—	(0.01)
Total Special Items	\$ 0.02	\$ —	\$ 0.07	\$ —	\$ 0.09
Basic EPS - Operating (Non-GAAP)	\$ 0.39	\$ 0.21	\$ 0.05	\$ (0.12)	\$ 0.53

Per share amounts for the special items and earnings drivers above and throughout this report are based on the after-tax effect of each item divided by the weighted average basic shares outstanding for the period. The current and deferred income tax effect was calculated by applying the subsidiaries' statutory tax rate to the pre-tax amount with the exception of Asset impairment/Plant exit costs that included an impairment of goodwill, of which \$433 million of the \$800 million pre-tax impairment was non-deductible for tax purposes, and valuation allowances against state and local NOL carryforwards of \$159 million. With the exception of these items included in Asset impairment/Plant exit costs, the income tax rates range from 35% to 42%.

## Earnings Per Share (EPS) – YTD 2016 and YTD 2015

# Reconciliation of GAAP to Operating (Non-GAAP) Earnings

(In millions, except per share amounts)

Six Months Ended June 30, 2016					
	Regulated Distribution	Regulated Transmission	Competitive Energy Services	Corporate / Other	FirstEnergy Corp. Consolidated
<b>2016 Net Income (Loss) - GAAP</b>	\$ 311	\$ 145	\$ (1,115)	\$ (102)	\$ (761)
<b>2016 Basic Earnings (Losses) per share (avg. shares outstanding 424M)</b>	\$ 0.73	\$ 0.34	\$ (2.62)	\$ (0.24)	\$ (1.79)
Excluding Special Items:					
Regulatory charges	0.11	—	—	—	0.11
Trust securities impairment	—	—	0.01	—	0.01
Merger accounting - commodity contracts	—	—	0.02	—	0.02
Asset impairment/Plant exit costs	—	—	2.99	—	2.99
Mark-to-market adjustments	—	—	0.01	—	0.01
<b>Total Special Items</b>	<b>\$ 0.11</b>	<b>\$ —</b>	<b>\$ 3.03</b>	<b>\$ —</b>	<b>\$ 3.14</b>
<b>Basic EPS - Operating (Non-GAAP)</b>	<b>\$ 0.84</b>	<b>\$ 0.34</b>	<b>\$ 0.41</b>	<b>\$ (0.24)</b>	<b>\$ 1.35</b>

Six Months Ended June 30, 2015					
	Regulated Distribution	Regulated Transmission	Competitive Energy Services	Corporate / Other	FirstEnergy Corp. Consolidated
<b>2015 Net Income (Loss) - GAAP</b>	\$ 364	\$ 161	\$ (16)	\$ (100)	\$ 409
<b>2015 Basic Earnings (Losses) per share (avg. shares outstanding 422M)</b>	\$ 0.86	\$ 0.38	\$ (0.04)	\$ (0.23)	\$ 0.97
Excluding Special Items:					
Regulatory charges	0.04	—	—	—	0.04
Trust securities impairment	—	—	0.03	—	0.03
Plant exit costs	—	—	0.03	—	0.03
Merger accounting - commodity contracts	—	—	0.04	—	0.04
Impact of non-core asset sales/impairments	—	—	0.02	0.01	0.03
Retail repositioning charges	—	—	0.02	—	0.02
Mark-to-market adjustments	—	—	(0.01)	—	(0.01)
<b>Total Special Items</b>	<b>\$ 0.04</b>	<b>\$ —</b>	<b>\$ 0.13</b>	<b>\$ 0.01</b>	<b>\$ 0.18</b>
<b>Basic EPS - Operating (Non-GAAP)</b>	<b>\$ 0.90</b>	<b>\$ 0.38</b>	<b>\$ 0.09</b>	<b>\$ (0.22)</b>	<b>\$ 1.15</b>

Per share amounts for the special items and earnings drivers above and throughout this report are based on the after-tax effect of each item divided by the weighted average basic shares outstanding for the period. The current and deferred income tax effect was calculated by applying the subsidiaries' statutory tax rate to the pre-tax amount with the exception of Asset impairment/Plant exit costs that included an impairment of goodwill, of which \$433 million of the \$800 million pre-tax impairment was non-deductible for tax purposes, and valuation allowances against state and local NOL carryforwards of \$159 million. With the exception of these items included in Asset impairment/Plant exit costs, the income tax rates range from 35% to 42%.

## Earnings Per Share (EPS) – Forecast for 2016 and 3Q 2016

# Reconciliation of GAAP to Operating (Non-GAAP) Earnings

(In millions, except per share amounts)

(In millions, except per share amounts)	Estimate for Year 2016*					Estimate for Q3 of 2016*
	Regulated Distribution	Regulated Transmission	Competitive Energy Services	Corporate / Other	FirstEnergy Corp. Consolidated	FirstEnergy Corp. Consolidated
<b>2016F Net Income (Loss) - GAAP</b>	\$695 - \$730	\$305 - \$315	\$(1,100) - \$(1,060)	\$(225)	\$(325) - \$(240)	\$275 - \$320
<b>2016F Basic EPS</b>	\$1.61 - \$1.69	\$0.71 - \$0.73	\$(2.55) - \$(2.45)	\$(0.52)	\$(0.75) - \$(0.55)	\$0.63 - \$0.73
Excluding Special Items:						
Regulatory charges	0.13	—	—	—	0.13	0.01
Trust securities impairment	—	—	0.01	—	0.01	—
Merger accounting-commodity contracts	—	—	0.05	—	0.05	0.01
Asset impairment/Plant exit costs	—	—	2.95	—	2.95	—
Mark-to-market adjustments	—	—	0.01	—	0.01	—
<b>Total Special Items</b>	<b>\$0.13</b>	<b>\$—</b>	<b>\$3.02</b>	<b>\$—</b>	<b>\$3.15</b>	<b>\$0.02</b>
<b>2016F Basic EPS - Operating (Non-GAAP)</b>	<b>\$1.74 - \$1.82</b>	<b>\$0.71 - \$0.73</b>	<b>\$0.47 - \$0.57</b>	<b>\$(0.52)</b>	<b>\$2.40 - \$2.60</b>	<b>\$0.65 - \$0.75</b>

\* Per share amounts for the special items above are based on the after-tax effect of each item, divided by the weighted average basic shares outstanding and includes the estimated dilutive impact of additional common stock in the second half of the year. The current and deferred income tax effect was calculated by applying the subsidiaries' statutory tax rate to the pre-tax amount with the exception of Asset impairment/Plant exit costs that included an impairment of goodwill, of which \$433 million of the \$800 million pre-tax impairment was non-deductible for tax purposes, and valuation allowances against state and local NOL carryforwards of \$159 million. With the exception of these items included in Asset impairment/Plant exit costs, the income tax rates range from 35% to 42%.

# FE Corp. Income Statements – 2Q 2016

## Consolidated GAAP and Special Items

	Three Months Ended June 30, 2016		Three Months Ended June 30, 2015	
	GAAP	Special Items	GAAP	Special Items
(1) Revenue	\$ 3,401	\$ —	\$ 3,465	\$ (3) <sup>(h)</sup>
<b>Operating Expenses</b>				
(2) Fuel	438	(66) <sup>(b,d)</sup>	383	(14) <sup>(b,d)</sup>
(3) Purchased power	889	—	989	—
(4) Other operating expenses	964	(80) <sup>(a,c)</sup>	900	(12) <sup>(a,c,d,g)</sup>
(5) Provision for depreciation	334	—	322	—
(6) Amortization of regulatory assets, net	63	—	59	(1) <sup>(h)</sup>
(7) General taxes	241	—	242	(1) <sup>(h)</sup>
(8) Impairment of assets	1,447	(1,447) <sup>(d)</sup>	16	(16) <sup>(h)</sup>
(9) Total Operating Expenses	4,376	(1,593)	2,911	(44)
(10) Operating Income (Loss)	(975)	1,593	554	41
<b>Other Income (Expense)</b>				
(11) Investment income (loss)	19	2 <sup>(f)</sup>	(3)	19 <sup>(h,i)</sup>
(12) Interest expense	(289)	2 <sup>(h)</sup>	(282)	—
(13) Capitalized financing costs	26	—	33	—
(14) Total Other Expense	(244)	4	(252)	19
(15) Income (Loss) Before Income Taxes (Benefits)	(1,219)	1,597	302	60
(16) Income taxes (benefits)	(130)	271 <sup>(d)</sup>	115	22
(17) Net Income (Loss)	\$ (1,089)	\$ 1,326	\$ 187	\$ 38

The above special items, if any, provides additional transparency to our disclosures by providing specific line items to which the special items are recorded. Management consistently utilizes these reconciliations to assist in its analysis of historical and ongoing performance. Additionally, the table above summarizes the pre-tax impact of each special item and the cumulative impact to income taxes (benefits) based on the current and deferred income tax expense associated with each special item. See slide 11 for GAAP to Operating (non-GAAP) EPS Reconciliation.

- (a) **Regulatory charges:** 2016 **(\$0.01 per share)**, (\$10) million included in "Other operating expenses". 2015 **(\$0.02 per share)**, (\$11) million included in "Other operating expenses"; and (\$1) million included in "Amortization of regulatory assets, net".
- (b) **Merger accounting - commodity contracts:** 2016 **(\$0.01 per share)**, (\$8) million included in "Fuel". 2015 **(\$0.02 per share)**, (\$13) million included in "Fuel".
- (c) **Mark-to-market adjustments:** 2016 **(\$0.11 per share)**, (\$70) million included in "Other operating expenses". 2015 **(\$0.01 per share)**, \$9 million included in "Other operating expenses".
- (d) **Asset Impairment/Plant exit costs:** 2016 **(\$2.99 per share)**, (\$58) million included in "Fuel"; (\$1,447) million included in "Impairment of assets" and \$159 million included in "Income taxes (benefits)". 2015 **(\$0.01 per share)**, (\$1) million included in "Fuel"; (\$6) million included in "Other operating expenses"; and (\$1) million included in "General taxes".
- (e) **Impact of non-core asset sales/impairments:** 2015 **(\$0.02 per share)**, (\$3) million included in "Revenues"; (\$16) million included in "Impairment of assets"; and \$2 million included in "Investment income (loss)".
- (f) **Trust securities impairment:** 2016, \$2 million included in "Investment income (loss)". 2015 **(\$0.02 per share)**, \$17 million included in "Investment income (loss)".
- (g) **Retail repositioning charges:** 2015 **(\$0.01 per share)**, (\$4) million included in "Other operating expenses".
- (h) **Loss on debt redemptions:** 2016, \$2 million included in "Interest expense".

Per share amounts included above are based on the after-tax effect of the above special items as discussed on slide 11 divided by the weighted average shares outstanding of 425 million shares in the second quarter of 2016 and 422 million shares in the second quarter of 2015.

# FE Corp. Income Statements – YTD 2016

## Consolidated GAAP and Special Items

	Six Months Ended June 30, 2016		Six Months Ended June 30, 2015	
	GAAP	Special Items	GAAP	Special Items
(1) Revenues	\$ 7,270	\$ —	\$ 7,362	\$ (2) <sup>(a)</sup>
<b>Operating Expenses</b>				
(2) Fuel	819	(74) <sup>(b)</sup>	896	(36) <sup>(b)</sup>
(3) Purchased power	2,013	—	2,102	—
(4) Other operating expenses	1,882	(77) <sup>(c)</sup>	1,957	(36) <sup>(c),(d)</sup>
(5) Provision for depreciation	663	—	641	—
(6) Amortization of regulatory assets, net	124	—	91	(2) <sup>(e)</sup>
(7) General taxes	521	—	511	(1) <sup>(e)</sup>
(8) Impairment of assets	1,447	(1,447) <sup>(f)</sup>	16	(16) <sup>(f)</sup>
(9) Total Operating Expenses	7,469	(1,598)	6,214	(91)
(10) Operating Income (Loss)	(199)	1,598	1,148	89
<b>Other Income (Expense)</b>				
(11) Investment income	47	9 <sup>(g)</sup>	14	30 <sup>(g)</sup>
(12) Interest expense	(577)	2 <sup>(h)</sup>	(561)	—
(13) Capitalized financing costs	51	—	67	—
(14) Total Other Expense	(479)	11	(480)	30
(15) Income (Loss) Before Income Taxes	(678)	1,609	668	119
(16) Income taxes	83	274 <sup>(e)</sup>	259	43
(17) Net Income (Loss)	\$ (761)	\$ 1,335	\$ 409	\$ 76

The above special items, if any, provides additional transparency to our disclosures by providing specific line items to which the special items are recorded. Management consistently utilizes these reconciliations to assist in its analysis of historical and ongoing performance. Additionally, the table above summarizes the pre-tax impact of each special item and the cumulative impact to income taxes (benefits) based on the current and deferred income tax expense associated with each special item. See slide 12 for GAAP to Operating (non-GAAP) EPS Reconciliation.

- (a) **Regulatory charges:** 2016 **(\$0.11 per share)**, (\$71) million included in "Other operating expenses". 2015 **(\$0.04 per share)**, \$1 million included in "Revenues"; (\$25) million included in "Other operating expenses"; and (\$2) million included in "Amortization of regulatory assets, net".
- (b) **Merger accounting - commodity contracts:** 2016 **(\$0.02 per share)**, (\$16) million included in "Fuel". 2015 **(\$0.04 per share)**, (\$24) million included in "Fuel".
- (c) **Mark-to-market adjustments:** 2016 **(\$0.01 per share)**, (\$6) million included in "Other operating expenses". 2015 **(\$0.01 per share)**, \$7 million included in "Other operating expenses".
- (d) **Asset Impairment/Plant exit costs:** 2016 **(\$2.99 per share)**, (\$58) million included in "Fuels"; (\$1,447) million included in "Impairment of assets"; and \$169 million in "Income taxes". 2015 **(\$0.03 per share)**, (\$12) million included in "Fuel"; (\$6) million included in "Other operating expenses"; and (\$1) million included in "General taxes".
- (e) **Impact of non-core asset sales/impairments:** 2016, (\$2) million included in "Investment income". 2015 **(\$0.03 per share)**, (\$3) million in "Revenues"; (\$16) million included in "Impairment of assets"; and \$6 million included in "Investment income".
- (f) **Trust securities impairment:** 2016 **(\$0.01 per share)**, \$11 million included in "Investment income". 2015 **(\$0.03 per share)**, \$24 million included in "Investment income".
- (g) **Retail repositioning charges:** 2015 **(\$0.02 per share)**, (\$12) million included in "Other operating expenses".
- (h) **Loss on debt redemptions:** 2016, \$2 million included in "Interest expense".

Per share amounts included above are based on the after-tax effect of the above special items as discussed on slide 12 divided by the weighted average shares outstanding of 424 million shares in the first six months of 2016 and 422 million shares in the first six months of 2015.

# 2016F and 3Q 2016F – Special Items

(In millions, except per share amounts)

	2016 Forecast														
	FirstEnergy Consolidated			Regulated Distribution			Regulated Transmission			Competitive Energy Services			Corporate/Other		
	Pre-Tax	After-Tax	EPS	Pre-Tax	After-Tax	EPS	Pre-Tax	After-Tax	EPS	Pre-Tax	After-Tax	EPS	Pre-Tax	After-Tax	EPS
Regulatory Charges	\$89	\$57	\$0.13	\$89	\$57	\$0.13	-	-	-	-	-	-	-	-	-
Trust Securities Impairments	10	6	0.01	-	-	-	-	-	-	\$10	\$6	\$0.01	-	-	-
Merger Accounting – Commodity Contracts	32	21	0.05	-	-	-	-	-	-	32	21	0.05	-	-	-
Asset Impairment/Plant Exit Costs	1,505	1,269	2.95	-	-	-	-	-	-	1,505	1,269	2.95	-	-	-
Impact of Non-Core Asset Sales/Impairments	(2)	(1)	-	-	-	-	-	-	-	(2)	(1)	-	-	-	-
Loss on Debt Redemptions	2	1	-	-	-	-	-	-	-	2	1	-	-	-	-
Mark-to-market Adjustments	6	4	0.01	-	-	-	-	-	-	6	4	0.01	-	-	-
<b>Total Special Items</b>	<b>\$1,642</b>	<b>\$1,357</b>	<b>\$3.15</b>	<b>\$89</b>	<b>\$57</b>	<b>\$0.13</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$1,553</b>	<b>\$1,300</b>	<b>\$3.02</b>	<b>-</b>	<b>-</b>	<b>-</b>

	3Q 2016 Forecast														
	FirstEnergy Consolidated			Regulated Distribution			Regulated Transmission			Competitive Energy Services			Corporate/Other		
	Pre-Tax	After-Tax	EPS	Pre-Tax	After-Tax	EPS	Pre-Tax	After-Tax	EPS	Pre-Tax	After-Tax	EPS	Pre-Tax	After-Tax	EPS
Regulatory Charges	\$9	\$6	\$0.01	\$9	\$6	\$0.01	-	-	-	-	-	-	-	-	-
Merger Accounting – Commodity Contracts	8	5	0.01	-	-	-	-	-	-	\$8	\$5	\$0.01	-	-	-
<b>Total Special Items</b>	<b>\$17</b>	<b>\$11</b>	<b>\$0.02</b>	<b>\$9</b>	<b>\$6</b>	<b>\$0.01</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$8</b>	<b>\$5</b>	<b>\$0.01</b>	<b>-</b>	<b>-</b>	<b>-</b>

Per share amounts for the special items and earnings drivers above and throughout this report are based on the after-tax effect of each item divided by the weighted average basic shares outstanding and assumes up to \$600 million of additional equity in 2016 of which \$95 million is related to employee benefit plans. The current and deferred income tax effect was calculated by applying the subsidiaries' statutory tax rate to the pre-tax amount with the exception of Asset impairment/Plant exit costs that included an impairment of goodwill, of which \$433 million of the \$800 million pre-tax impairment was non-deductible for tax purposes, and valuation allowances against state and local NOL carryforwards of \$159 million. With the exception of these items included in Asset impairment/Plant exit costs, the income tax rates range from 35% to 42%.



# 2015 – Special Items

(In millions, except per share amounts)

	2015														
	FirstEnergy Consolidated			Regulated Distribution			Regulated Transmission			Competitive Energy Services			Corporate/ Other		
	Pre-Tax	After-Tax	EPS	Pre-Tax	After-Tax	EPS	Pre-Tax	After-Tax	EPS	Pre-Tax	After-Tax	EPS	Pre-Tax	After-Tax	EPS
Mark-to-market Adjustments															
- Pension/OPEB actuarial assumptions	\$242	\$148	\$0.35	\$179	\$108	\$0.26	\$3	\$2	-	\$60	\$38	\$0.09	-	-	-
- Other	(73)	(46)	(0.11)	-	-	-	-	-	-	(73)	(46)	(0.11)	-	-	-
Merger Accounting – Commodity Contracts	110	69	0.16	-	-	-	-	-	-	110	69	0.16	-	-	-
Regulatory Charges	46	29	0.07	45	28	0.07	-	-	-	1	1	-	-	-	-
Retail Repositioning Charges	31	19	0.05	-	-	-	-	-	-	31	19	0.05	-	-	-
Impact of Non-Core Asset Sales/Impairments	413	268	0.63	8	5	0.01	-	-	-	30	19	0.05	\$375	\$244	\$0.57
Trust Securities Impairments	101	63	0.15	11	7	0.02	-	-	-	90	56	0.13	-	-	-
Plant Exit Costs	23	16	0.04	1	1	-	-	-	-	22	15	0.04	-	-	-
<b>Total Special Items</b>	<b>\$893</b>	<b>\$566</b>	<b>\$1.34</b>	<b>\$244</b>	<b>\$149</b>	<b>\$0.36</b>	<b>\$3</b>	<b>\$2</b>	<b>-</b>	<b>\$271</b>	<b>\$171</b>	<b>\$0.41</b>	<b>\$375</b>	<b>\$244</b>	<b>\$0.57</b>

Per share amounts for the special items and earnings drivers above and throughout this presentation are based on the after-tax effect of each item divided by the weighted average basic shares outstanding for this period. The current and deferred income tax effect was calculated by applying the subsidiaries' statutory tax rate to the pre-tax amount, the income tax rates range from 35% to 42%.

# Ohio – Regulatory Update

## ESP IV – Powering Ohio’s Progress

- Implemented ESP IV on June 1, 2016
- ESP IV term is June 1, 2016, through May 31, 2024
  - Contemplates base distribution rate freeze for the term of ESP IV
  - Continues Delivery Capital Recovery Rider, with increases in annual revenue caps to earn a return on and of incremental distribution plant in service since last rate case
    - \$30M June 1, 2016 to May 31, 2019
    - \$20M June 1, 2019 to May 31, 2022
    - \$15M June 1, 2022 to May 31, 2024
  - Commitment to robust energy efficiency offerings, including continued recovery of lost distribution revenue and shared savings
    - 2017-2019 Energy Efficiency Portfolio Plan filed April 15
  - Business plan filed on February 29, 2016, with options to invest in grid modernization initiatives in Ohio; awaiting PUCO direction
  - Provisions related to federal advocacy and resource diversification
  - Support for economic development, job retention and low income customers
  - Provision to decouple distribution rates for residential customers starting January 1, 2019

# Ohio – Regulatory Update

## ESP IV – Powering Ohio’s Progress

- **Filed Application for Rehearing including a modification to Rider RRS**
- **PUCO Staff filed testimony on June 29, 2016**
  - Recommendation to deny modified Rider RRS
  - Recommends adoption of Distribution Modernization Rider (DMR) to collect \$131M annually for three years, with possible extension for additional two years
- **Ohio Companies’ filed rebuttal/surrebuttal testimony on July 25, 2016**
  - Continue to support modified Rider RRS
  - Properly designed DMR would be valued at \$558M annually for eight years, and include an additional amount that recognizes the value of maintaining FE’s headquarters in Ohio
  - Exclude revenues /expenses for Riders RRS and DMR for SEET

# Base Rate Case Filings – Regulatory Update

## ■ Pennsylvania

- On April 28, 2016, each of the PA Utilities filed tariffs with the PPUC proposing general rate increases associated with their distribution operations
- The filings requested approval to increase operating revenues by approximately \$140M at Met-Ed, \$159M at Penelec, \$42M at Penn Power, and \$98M at West Penn Power, based upon a fully projected future test year for the twelve months ending December 31, 2017
- Procedural schedule dates:
  - Intervenor Direct Testimony: July 22
  - Rebuttal Testimony: August 17
  - Surrebuttal Testimony : August 31
  - Rejoinder Outline: September 2
  - Hearings: September 6-9
  - Main Brief : September 30
  - Reply Brief: October 14

## ■ New Jersey

- On April 28, 2016, JCP&L filed tariffs with the NJBPU proposing a general rate increase associated with its distribution operations
- The filing requested approval to increase operating revenues by approximately \$142M based upon a hybrid test year for the 12 months ending June 30, 2016

	Met-Ed	Penelec	Penn Power	West Penn Power	JCP&L
<b>Rate Increase</b>	<b>\$140M</b>	<b>\$159M</b>	<b>\$42M</b>	<b>\$98M</b>	<b>\$142M</b>
<b>Residential Rate Impact</b>	<b>13.34%</b>	<b>17.89%</b>	<b>12.96%</b>	<b>10.47%</b>	<b>6%</b>
<b>Debt/Equity Ratio</b>	<b>48.8% / 51.2%</b>	<b>47.4% / 52.6%</b>	<b>49.9% / 50.1%</b>	<b>49.7% / 50.3%</b>	<b>46% / 54%</b>
<b>Return on Equity</b>	<b>10.9%</b>	<b>11.3%</b>	<b>11.5%</b>	<b>10.9%</b>	<b>11.2%</b>
<b>Rate Base</b>	<b>\$1.405B</b>	<b>\$1.631B</b>	<b>\$0.414B</b>	<b>\$1.364B</b>	<b>\$2.229B</b>

# Pennsylvania – Regulatory Update

- **Met-Ed, Penelec, Penn Power and West Penn Power Default Service Programs for June 2017 – May 2019**
  - Default Service Programs filed on November 3, 2015
  - Intervenor Direct Testimony filed January 14, 2016, Rebuttal Testimony filed February 9, 2016, and Surrebuttal Testimony filed February 19, 2016
  - Hearings were held in Harrisburg, PA on February 25, 2016
  - Settlement was reached with all parties and filed April 1, 2016
  - PPUC approval received May 19, 2016
  - Changes from current programs and new rates for Price to Compare Default Service Riders and Default Service Support Riders become effective on June 1, 2017

# MAIT Transmission – Regulatory Update

- On June 19, 2015, Met-Ed, Penelec, JCP&L, FET and MAIT made filings with FERC, the NJBPU and the PPUC requesting authorization for Met-Ed, Penelec and JCP&L to contribute their transmission assets to MAIT, a subsidiary of FET
- FERC
  - FERC order issued February 18, 2016, approving the transaction
- Pennsylvania
  - On March 4, 2016, a Joint Petition for Full Settlement was submitted to the PPUC for consideration and approval
  - In April, Pennsylvania ALJs issued an Initial Decision approving a settlement filed by the parties resolving all issues in this case
  - On July 21, 2016, received PPUC approval, with minor modifications; awaiting final order
- New Jersey
  - On February 24, 2016, the NJBPU issued an Order concluding that MAIT does not satisfy the “electricity distribution” element necessary for “public utility” status
  - On April 22, 2016, JCP&L and MAIT filed a supplemental petition and testimony seeking to include certain distribution assets in the transfer to satisfy the “electricity distribution” element necessary for “public utility” status in accordance with the NJBPU’s February 24, 2016 order
  - On July 18, 2016, a procedural schedule was issued with evidentiary hearings in late October / early November 2016

# Financial – Liquidity

## Available Liquidity

(\$M)

	CES	FET	FEU	FE Corp.	FE Consolidated
<b>Revolving Credit Facility</b>	\$ 1,500	\$ 1,000	\$ 3,500		\$ 6,000
Short-Term borrowings	–	(150)	–	(2,775)	(2,925)
Letters of Credit (LOC)	(1)	–	–	(6)	(7)
<b>Total Utilization</b>	\$ (1)	\$ (150)	\$ (2,781)		\$ (2,932)
<b>Available External Credit Capacity</b>	\$ 1,499	\$ 850	\$ 719		\$ 3,068
Cash & Investments	4	65	117	13	199
<b>Available Liquidity</b>	\$ 1,503	\$ 915	\$ 849		\$ 3,267

As of June 30, 2016

# Financial – Parental Guarantees

	FirstEnergy Corp. Parent					
	Competitive		Regulated		Corp/Other	
	\$M	Expiration	\$M	Expiration	\$M	Expiration
	<b>Energy-Related &amp; Retail Contracts</b>	\$33	2017-2030	–	–	–
<b>Benefit-Related Programs*</b>	\$137	–	\$179	–	\$228	–
<b>Other</b>	\$6	2016-2017	\$4	2030	\$3	–
<b>Total FE Corp. Guarantees on behalf of subsidiaries</b>	<b>\$176</b>		<b>\$183</b>		<b>\$231</b>	

\* Does not include unfunded pension position

As of June 30, 2016



# Financial – Collateral Dependent on Investment Grade Rating

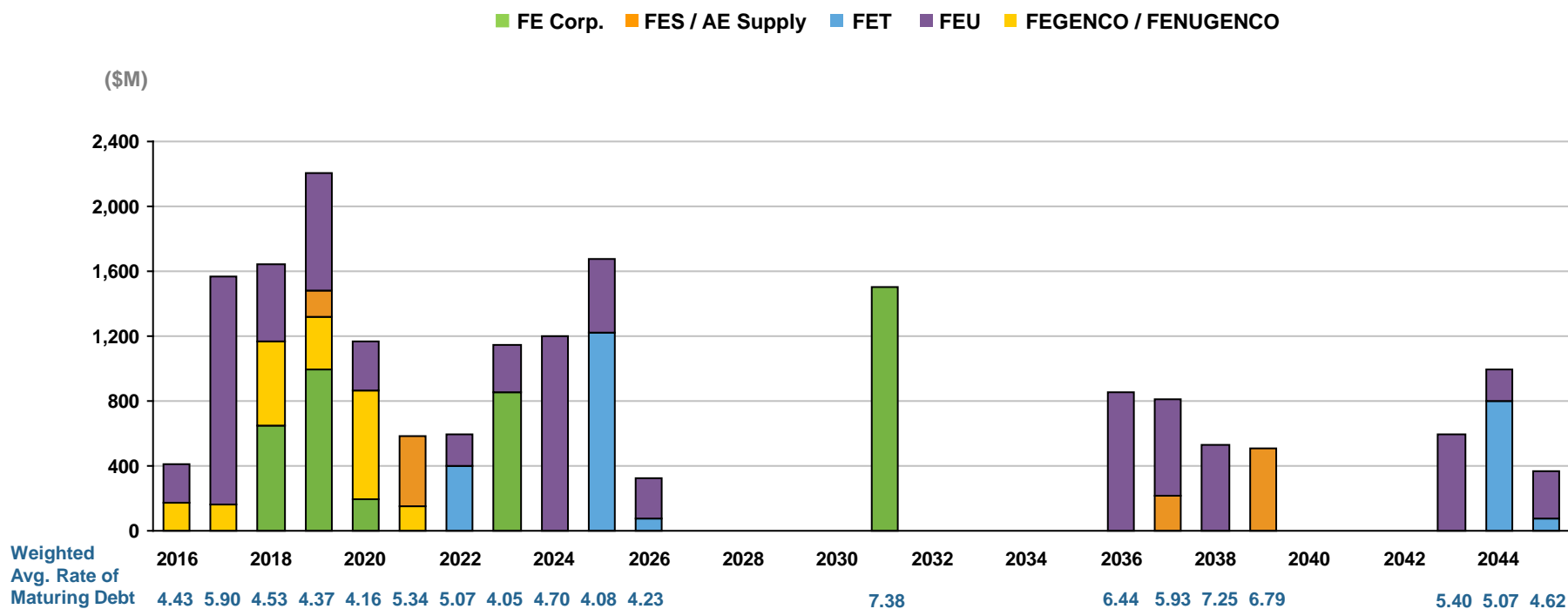
(\$M)

<b>Collateral Provisions</b> As of June 30, 2016	<b>CES</b> (Tied to FE Corp. Rating)	<b>CES</b> (Tied to FES Rating)	<b>Utilities</b>	<b>Total</b>
<b>Split Rating</b> (One Rating Agency below investment grade)	<b>\$25*</b>	<b>\$174</b>	<b>\$44</b>	<b>\$243</b>
<b>Non-Investment Grade Ratings</b> (All Rating Agencies at or below BB+/Ba1)	<b>\$25</b>	<b>\$187</b>	<b>\$44</b>	<b>\$256</b>
<b>Total Exposure from Contractual Obligations</b>	<b>\$25</b>	<b>\$310</b>	<b>\$44</b>	<b>\$379</b>

\*Exists due to FE Corp.'s current Unsecured Rating of BB+ by Standard & Poors

Note: Surety Bonds (not tied to a rating) of \$266M and \$96M exist at CES and Utilities, respectively. Surety Bonds impact assumes maximum contractual obligations (typical obligations require 30 days to cure).

# Financial – Consolidated Long-Term Debt Maturities



Excludes variable rate tax-exempt debt and securitization bonds

As of June 30, 2016

# Financial – Outstanding Debt by Legal Entity

(\$M)

Hold Co. At 6/30/2016	FE Hold Co.
Short-term Debt	2,775
Long-term Debt	4,200
Securitization Bonds	-
<b>Debt Subtotal</b>	<b>6,975</b>
(Discounts)/Premiums	6
Unamortized Issuance Costs	(10)
Purchase Accounting	-
Capital Leases	-
<b>Total Balance Sheet Debt</b>	<b>6,971</b>

Utilities At 6/30/2016	Ohio Edison	Cleveland Electric	Toledo Edison	Penn Power	Metropolitan Edison	Pennsylvania Electric	Jersey Central	Mon Power	Potomac Edison	West Penn Power
Short-term Debt	-	98	-	41	21	-	159	194	55	12
Long-term Debt	650	1,330	350	103	850	1,125	1,950	1,224	445	670
Securitization Bonds	136	174	41	-	-	-	108	301	100	-
<b>Debt Subtotal</b>	<b>786</b>	<b>1,602</b>	<b>391</b>	<b>144</b>	<b>871</b>	<b>1,125</b>	<b>2,217</b>	<b>1,718</b>	<b>600</b>	<b>682</b>
(Discounts)/Premiums	(9)	(2)	(0)	-	(1)	(2)	(6)	(1)	-	-
Unamortized Issuance Costs	(3)	(4)	(2)	(1)	(4)	(4)	(8)	(12)	(4)	(2)
Purchase Accounting	-	-	-	-	-	-	-	14	5	7
Capital Leases	20	16	9	4	15	23	-	5	4	8
<b>Total Balance Sheet Debt</b>	<b>795</b>	<b>1,612</b>	<b>397</b>	<b>147</b>	<b>881</b>	<b>1,142</b>	<b>2,203</b>	<b>1,724</b>	<b>606</b>	<b>695</b>

Transmission At 6/30/2016	FET Hold Co.	ATSI	TrAIL
Short-term Debt	166	-	-
Long-term Debt	1,000	950	625
Securitization Bonds	-	-	-
<b>Debt Subtotal</b>	<b>1,166</b>	<b>950</b>	<b>625</b>
(Discounts)/Premiums	(2)	(4)	(0)
Unamortized Issuance Costs	(8)	(7)	(4)
Purchase Accounting	-	-	-
Capital Leases	-	-	-
<b>Total Balance Sheet Debt</b>	<b>1,156</b>	<b>940</b>	<b>620</b>

Competitive Energy Services At 6/30/2016	FES Hold Co.	FE Generation	FE Nuclear Generation	Allegheny Energy Supply	Allegheny Generating
Short-term Debt	210	-	-	21	36
Long-term Debt	696	1,175	910	521	100
Securitization Bonds	-	-	-	-	-
<b>Debt Subtotal</b>	<b>906</b>	<b>1,175</b>	<b>910</b>	<b>542</b>	<b>136</b>
(Discounts)/Premiums	(1)	-	-	-	-
Unamortized Issuance Costs	(4)	(6)	(5)	-	(0)
Purchase Accounting	-	-	-	(28)	-
Capital Leases	-	10	-	0	-
<b>Total Balance Sheet Debt</b>	<b>901</b>	<b>1,179</b>	<b>905</b>	<b>514</b>	<b>136</b>

Totals may not foot due to rounding

# Financial – Credit Ratings

As of 6/30/2016	Corporate Credit Rating (S&P) / Issuer Rating (Moody's) / Issuer Default (Fitch)			Senior Secured			Senior Unsecured			Outlook		
	S&P	Moody's	Fitch	S&P	Moody's	Fitch	S&P	Moody's	Fitch	S&P	Moody's	Fitch
	FirstEnergy Corp.	BBB-	Baa3	BB+	-	-	-	BB+	Baa3	BB+	negative	negative
FirstEnergy Solutions	BBB-	Baa3	-	BBB-	-	-	BBB-	Baa3	-	negative	negative	-
Allegheny Energy Supply	BBB-	Baa3	-	BBB-	-	-	BBB-	Baa3	-	negative	negative	-
Allegheny Generating Co.	BBB-	Baa3	-	-	-	-	BBB-	Baa3	-	negative	negative	-
American Transmission Systems Inc.	BBB-	Baa2	-	-	-	-	BBB-	Baa2	-	negative	stable	-
Cleveland Electric Illuminating	BBB-	Baa3	-	BBB+	Baa1	-	BBB-	Baa3	-	negative	stable	-
FirstEnergy Transmission	BBB-	Baa3	-	-	-	-	BB+	Baa3	-	negative	stable	-
Jersey Central Power & Light	BBB-	Baa2	-	-	-	-	BBB-	Baa2	-	negative	stable	-
Metropolitan Edison	BBB-	Baa1	-	-	-	-	BBB-	Baa1	-	negative	stable	-
Monongahela Power	BBB-	Baa2	-	BBB+	A3	-	-	-	-	negative	stable	-
Ohio Edison Co.	BBB-	Baa1	-	BBB+	A2	-	BBB-	Baa1	-	negative	stable	-
Pennsylvania Electric Co.	BBB-	Baa2	-	-	-	-	BBB-	Baa2	-	negative	stable	-
Pennsylvania Power Co.	BBB-	Baa1	-	-	A2	-	-	-	-	negative	stable	-
Potomac Edison Co.	BBB-	Baa2	-	BBB+	A3	-	-	-	-	negative	stable	-
Toledo Edison Co.	BBB-	Baa3	-	BBB+	Baa1	-	-	-	-	negative	stable	-
Trans-Allegheny Interstate Line Co.	BBB-	A3	-	-	-	-	BBB-	A3	-	negative	stable	-
West Penn Power Co.	BBB-	Baa1	-	BBB+	A2	-	-	-	-	negative	stable	-

- Following an order by the FERC late on April 27, 2016, revoking the affiliate waiver between FirstEnergy's Ohio utilities and FES:
  - On April 28, 2016, Moody's revised the outlook to 'negative' from 'stable' for FE Corp and the merchant subsidiaries (FES, AES, AGC).
  - On April 28, 2016, S&P affirmed the ratings and revised the outlook to negative from stable, including the 'BBB-' issuer credit ratings for FE Corp and its subsidiaries.
- On July 22, 2016, S&P placed its 'BBB-' corporate credit ratings on FirstEnergy Solutions, and affiliates FirstEnergy Generation Corp., FirstEnergy Nuclear Generation Corp., Allegheny Energy Supply, and Allegheny Generating Co. on CreditWatch with negative implications.

# Financial – Credit Providers

31 financial institutions provide ~\$7.5B aggregate credit commitment

(\$M)			
Revolving Credit Facilities	\$6,000		
Term Loans	1,200		
<b>SUB-TOTAL</b>	<b>\$7,200</b>		
Letters of Credit (LOC)	183		
Vehicle Leases	158		
Sale Leaseback LOC	4		
<b>TOTAL</b>	<b>\$7,545</b>		

Bank of America	Huntington National Bank
Bank of New York Mellon	JP Morgan Chase
Bank of Nova Scotia	Keybank
Barclays Bank	Mizuho
BBVA	Morgan Stanley
BNP Paribas	National Cooperative Services
CIBC	PNC
Citibank	Regions Bank
Citizens Bank	Royal Bank of Canada
CoBank	Santander
Credit Agricole	Sumitomo Mitsui
Credit Suisse	TD Bank
Fifth Third Bank	Union Bank/Bank of Tokyo Mitsubishi
FirstMerit	US Bank
First National Bank	Wells Fargo
Goldman Sachs	

As of June 30, 2016