

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**FORM 10-K**

☒ ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

**FOR THE FISCAL YEAR ENDED DECEMBER 31, 2017**

— OR —

☐ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Commission File Number 001-38086

**Vistra Energy Corp.**

(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction of incorporation or organization)

**36-4833255**

(I.R.S. Employer Identification No.)

**6555 Sierra Drive, Irving, Texas 75039**

(Address of principal executive offices) (Zip Code)

**(214) 812-4600**

(Registrant's telephone number, including area code)

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

**Title of Each Class**

**Name of Each Exchange on Which Registered**

Common stock, par value \$0.01 per share

New York Stock Exchange

**Securities registered pursuant to Section 12(g) of the Act: None**

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in rule 405 of the Securities Act. Yes ☐ No ☒

Indicated by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the act. Yes ☐ No ☒

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes ☒ No ☐

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (§229.405 of this chapter) is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer ☐ Accelerated filer ☐ Non-Accelerated filer ☒ (Do not check if a smaller reporting company)  
Smaller reporting company ☐ Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

As of June 30, 2017, the aggregate market value of the Vistra Energy Corp. common stock held by non-affiliates of the registrant was \$5,404,454,926 based on the closing sale price as reported on the New York Stock Exchange.

Indicate by check mark if the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes ☐ No ☒

As of February 21, 2018, there were 428,447,631 shares of common stock, par value \$0.01, outstanding of Vistra Energy Corp.

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**DOCUMENTS INCORPORATED BY REFERENCE**

Portions of the proxy statement for the registrant's 2018 annual meeting of stockholders are incorporated in Part III of this Annual Report on Form 10-K.

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Vistra Energy Corp.'s (Vistra Energy) annual reports, quarterly reports, current reports and any amendments to those reports are made available to the public, free of charge, on the Vistra Energy website at <http://www.vistraenergy.com>, as soon as reasonably practicable after they have been filed with or furnished to the Securities and Exchange Commission pursuant to Section 13(a) or 15(d) of the Exchange Act. The information on Vistra Energy's website shall not be deemed a part of, or incorporated by reference into, this Annual Report on Form 10-K. The representations and warranties contained in any agreement that we have filed as an exhibit to this Annual Report on Form 10-K, or that we have or may publicly file in the future, may contain representations and warranties that may (i) be made by and to the parties thereto at specific dates, (ii) be subject to exceptions and qualifications contained in separate disclosure schedules, (iii) represent the parties' risk allocation in the particular transaction, or (iv) be qualified by materiality standards that differ from what may be viewed as material for securities law purposes.

This Annual Report on Form 10-K and other Securities and Exchange Commission filings of Vistra Energy and its subsidiaries occasionally make references to Vistra Energy (or "we," "our," "us" or "the Company"), TXU Energy or Luminant when describing actions, rights or obligations of their respective subsidiaries. These references reflect the fact that the subsidiaries are consolidated with, or otherwise reflected in, their respective parent company's financial statements for financial reporting purposes. However, these references should not be interpreted to imply that the parent company is actually undertaking the action or has the rights or obligations of the relevant subsidiary company or vice versa.

**GLOSSARY**

When the following terms and abbreviations appear in the text of this report, they have the meanings indicated below.

<b>CCGT</b>	combined cycle gas turbine
<b>CFTC</b>	U.S. Commodity Futures Trading Commission
<b>Chapter 11 Cases</b>	Cases in the U.S. Bankruptcy Court for the District of Delaware (Bankruptcy Court) concerning voluntary petitions for relief under Chapter 11 of the U.S. Bankruptcy Code (Bankruptcy Code) filed on April 29, 2014 by the Debtors. On the Effective Date, the TCEH Debtors (together with the Contributed EFH Debtors) emerged from the Chapter 11 Cases.
<b>CME</b>	Chicago Mercantile Exchange
<b>CO<sub>2</sub></b>	carbon dioxide
<b>Contributed EFH Debtors</b>	certain EFH Debtors that became subsidiaries of Vistra Energy on the Effective Date
<b>CSAPR</b>	Cross-State Air Pollution Rule issued by the EPA in July 2011
<b>DIP Facility</b>	TCEH's \$3.375 billion debtor-in-possession financing facility, which was repaid in August 2016 (see Note 12 to the Financial Statements)
<b>DIP Roll Facilities</b>	TCEH's \$4.250 billion debtor-in-possession and exit financing facilities, which was converted to the Vistra Operations Credit Facilities on the Effective Date (see Note 12 to the Financial Statements)
<b>Debtors</b>	EFH Corp. and the majority of its direct and indirect subsidiaries, including EFIH, EFCH and TCEH but excluding the Oncor Ring-Fenced Entities. Prior to the Effective Date, also included the TCEH Debtors and the Contributed EFH Debtors.
<b>Dynegy</b>	Dynegy Inc., and/or its subsidiaries, depending on context
<b>EBITDA</b>	earnings (net income) before interest expense, income taxes, depreciation and amortization
<b>EFCH</b>	Energy Future Competitive Holdings Company LLC, a direct, wholly owned subsidiary of EFH Corp. and, prior to the Effective Date, the indirect parent of the TCEH Debtors, depending on context
<b>Effective Date</b>	October 3, 2016, the date the TCEH Debtors and the Contributed EFH Debtors completed their reorganization under the Bankruptcy Code and emerged from the Chapter 11 Cases
<b>EFH Corp.</b>	Energy Future Holdings Corp. and/or its subsidiaries, depending on context, whose major subsidiaries include Oncor and, prior to the Effective Date, included the TCEH Debtors and the Contributed EFH Debtors
<b>EFH Debtors</b>	EFH Corp. and its subsidiaries that are Debtors in the Chapter 11 Cases, including EFIH and EFIH Finance Inc., but excluding the TCEH Debtors and the Contributed EFH Debtors
<b>EFIH</b>	Energy Future Intermediate Holding Company LLC, a direct, wholly owned subsidiary of EFH Corp. and the direct parent of Oncor Holdings
<b>Emergence</b>	emergence of the TCEH Debtors and the Contributed EFH Debtors from the Chapter 11 Cases as subsidiaries of a newly formed company, Vistra Energy, on the Effective Date
<b>EPA</b>	U.S. Environmental Protection Agency
<b>Exchange Act</b>	Exchange Act of 1934, as amended
<b>ERCOT</b>	Electric Reliability Council of Texas, Inc., the independent system operator and the regional coordinator of various electricity systems within Texas
<b>Federal and State Income Tax Allocation Agreements</b>	An agreement, executed in May 2012 but effective as of January 2010 to which prior to the Effective Date, EFH Corp. and certain of its subsidiaries (including EFCH, EFIH and TCEH, but not including Oncor Holdings and Oncor) were parties. The Agreement was rejected by the TCEH Debtors and the Contributed EFH Debtors on the Effective Date (see Note 8 to the Financial Statements).
<b>FERC</b>	U.S. Federal Energy Regulatory Commission

<b>GAAP</b>	generally accepted accounting principles
<b>GHG</b>	greenhouse gas
<b>GWh</b>	gigawatt-hours
<b>ICE</b>	IntercontinentalExchange
<b>IRS</b>	U.S. Internal Revenue Service
<b>ISO</b>	Independent system operator
<b>LIBOR</b>	London Interbank Offered Rate, an interest rate at which banks can borrow funds, in marketable size, from other banks in the London interbank market
<b>load</b>	demand for electricity
<b>LSTC</b>	liabilities subject to compromise
<b>Luminant</b>	subsidiaries of Vistra Energy engaged in competitive market activities consisting of electricity generation and wholesale energy sales and purchases as well as commodity risk management, all largely in Texas
<b>market heat rate</b>	Heat rate is a measure of the efficiency of converting a fuel source to electricity. Market heat rate is the implied relationship between wholesale electricity prices and natural gas prices and is calculated by dividing the wholesale market price of electricity, which is based on the price offer of the marginal supplier in ERCOT (generally natural gas plants), by the market price of natural gas.
<b>Merger</b>	the proposed merger of Dynegy with and into Vistra Energy, with Vistra Energy as the surviving corporation
<b>Merger Agreement</b>	the Agreement and Plan of Merger, dated as of October 29, 2017, by and between Vistra Energy and Dynegy, as it may be amended or modified from time to time
<b>Merger Proposal</b>	the proposal by each of Vistra Energy and Dynegy to their stockholders to adopt the Merger Agreement
<b>Merger Support Agreements</b>	the Merger Support Agreements, dated as of October 29, 2017, by and between Dynegy, the Apollo Entities, the Brookfield Entities and the Oaktree Entities, respectively, on the one hand, and by and between Vistra Energy and certain affiliates of Oaktree and Terawatt Holdings, LP, a Delaware limited partnership affiliated with Energy Capital Partners III, LLC, respectively, on the other hand, as they may be amended or modified from time to time
<b>MMBtu</b>	million British thermal units
<b>MSHA</b>	U.S. Mine Safety and Health Administration
<b>MW</b>	megawatts
<b>MWh</b>	megawatt-hours
<b>NERC</b>	North American Electric Reliability Corporation
<b>NO<sub>x</sub></b>	nitrogen oxide
<b>NRC</b>	U.S. Nuclear Regulatory Commission
<b>NYMEX</b>	the New York Mercantile Exchange, a commodity derivatives exchange
<b>NYSE</b>	New York Stock Exchange
<b>Oncor</b>	Oncor Electric Delivery Company LLC, a direct, majority-owned subsidiary of Oncor Holdings and an indirect subsidiary of EFH Corp., that is engaged in regulated electricity transmission and distribution activities
<b>Oncor Holdings</b>	Oncor Electric Delivery Holdings Company LLC, a direct, wholly owned subsidiary of EFIH and the direct majority owner of Oncor, and/or its subsidiaries, depending on context
<b>Oncor Ring-Fenced Entities</b>	Oncor Holdings and its direct and indirect subsidiaries, including Oncor
<b>OPEB</b>	postretirement employee benefits other than pensions

<b>Petition Date</b>	April 29, 2014, the date the Debtors filed voluntary petitions for relief under Chapter 11 of the United States Bankruptcy Code
<b>Plan of Reorganization</b>	Third Amended Joint Plan of Reorganization filed by the Debtors in August 2016 and confirmed by the Bankruptcy Court in August 2016 solely with respect to the TCEH Debtors and the Contributed EFH Debtors
<b>PrefCo</b>	Vistra Preferred Inc.
<b>PrefCo Preferred Stock Sale</b>	as part of the Spin-Off, the contribution of certain of the assets of the Predecessor and its subsidiaries by a subsidiary of TEX Energy LLC to PrefCo in exchange for all of PrefCo's authorized preferred stock, consisting of 70,000 shares, par value \$0.01 per share
<b>PUCT</b>	Public Utility Commission of Texas
<b>PURA</b>	Texas Public Utility Regulatory Act
<b>REP</b>	retail electric provider
<b>RCT</b>	Railroad Commission of Texas, which among other things, has oversight of lignite mining activity in Texas
<b>S&amp;P</b>	Standard & Poor's Ratings (a credit rating agency)
<b>SEC</b>	U.S. Securities and Exchange Commission
<b>Securities Act</b>	Securities Act of 1933, as amended
<b>SG&amp;A</b>	selling, general and administrative
<b>Settlement Agreement</b>	Amended and Restated Settlement Agreement among the Debtors, the Sponsor Group, settling TCEH first lien creditors, settling TCEH second lien creditors, settling TCEH unsecured creditors and the official committee of unsecured creditors of TCEH (collectively, the Settling Parties), approved by the Bankruptcy Court in December 2015.
<b>SO<sub>2</sub></b>	sulfur dioxide
<b>Spin-Off</b>	the tax-free spin-off from EFH Corp. executed pursuant to the Plan of Reorganization on the Effective Date by the TCEH Debtors and the Contributed EFH Debtors
<b>Sponsor Group</b>	Refers, collectively, to certain investment funds affiliated with Kohlberg Kravis Roberts & Co. L.P., TPG Global, LLC (together with its affiliates, TPG) and GS Capital Partners, an affiliate of Goldman, Sachs & Co., that have an ownership interest in Texas Energy Future Holdings Limited Partnership, a limited partnership controlled by the Sponsor Group, that owns substantially all of the common stock of EFH Corp.
<b>Stock Issuance Proposal</b>	the proposal by Vistra Energy to its stockholders to approve the issuance of Vistra Energy common stock to holders of Dynegy common stock, in connection with the Merger, as contemplated by the Merger Agreement
<b>Tax Matters Agreement</b>	Tax Matters Agreement, dated as of the Effective Date, by and among EFH Corp., EFIH, EFIH Finance Inc. and EFH Merger Co. LLC.
<b>TCJA</b>	the Tax Cuts and Jobs Act, a comprehensive tax reform bill signed into law in December 2017
<b>TRA</b>	Tax Receivables Agreement, containing certain rights (TRA Rights) to receive payments from Vistra Energy related to certain tax benefits, including those it realized as a result of certain transactions entered into at Emergence (see Note 9)
<b>TRE</b>	Texas Reliability Entity, Inc., an independent organization that develops reliability standards for the ERCOT region and monitors and enforces compliance with NERC standards and monitors compliance with ERCOT protocols
<b>TCEH or Predecessor</b>	Texas Competitive Electric Holdings Company LLC, a direct, wholly owned subsidiary of Energy Future Competitive Holdings Company LLC, and, prior to the Effective Date, the parent company of the TCEH Debtors, depending on context, that were engaged in electricity generation and wholesale and retail energy market activities, and whose major subsidiaries included Luminant and TXU Energy
<b>TCEH Debtors</b>	the subsidiaries of TCEH that were Debtors in the Chapter 11 Cases

<b>TCEH Senior Secured Facilities</b>	Refers, collectively, to the TCEH First Lien Term Loan Facilities, TCEH First Lien Revolving Credit Facility and TCEH First Lien Letter of Credit Facility with a total principal amount of \$22.616 billion. The claims arising under these facilities were discharged in the Chapter 11 Cases on the Effective Date pursuant to the Plan of Reorganization.
<b>TCEQ</b>	Texas Commission on Environmental Quality
<b>TXU Energy</b>	TXU Energy Retail Company LLC, a direct, wholly owned subsidiary of Vistra Energy that is a REP in competitive areas of ERCOT and is engaged in the retail sale of electricity to residential and business customers
<b>U.S.</b>	United States of America
<b>Vistra Energy or Successor</b>	Vistra Energy Corp., formerly known as TCEH Corp., and/or its subsidiaries, depending on context. On the Effective Date, the TCEH Debtors and the Contributed EFH Debtors emerged from Chapter 11 and became subsidiaries of Vistra Energy Corp.
<b>Vistra Operations Credit Facilities</b>	Vistra Operations Company LLC's \$5.210 billion senior secured financing facilities (see Note 12 to the Financial Statements)

## PART I

### Item 1. BUSINESS

References in this report to "we," "our," "us" and "the Company" are to Vistra Energy and/or its subsidiaries, as apparent in the context. See Glossary for defined terms.

#### ***Business***

Vistra Energy is a holding company operating an integrated power business in Texas. Through our Luminant and TXU Energy subsidiaries, we are engaged in competitive electricity market activities including electricity generation, wholesale energy sales and purchases, commodity risk management activities, and retail sales of electricity to end users, all largely in the ERCOT market.

TXU Energy is the largest retailer of electricity in Texas, with approximately 1.7 million residential, commercial and industrial customers. Luminant is the largest generator of electricity in ERCOT, operating approximately 13,600 MW of installed capacity in ERCOT.

We have two reportable segments: our Wholesale Generation segment, consisting largely of Luminant, and our Retail Electricity segment, consisting largely of TXU Energy.

As of December 31, 2017, we had approximately 4,150 full-time employees, including approximately 1,630 employees under collective bargaining agreements.

#### ***Merger***

On October 29, 2017, Vistra Energy and Dynegy Inc., a Delaware corporation (Dynegy), entered into an Agreement and Plan of Merger (the Merger Agreement) pursuant to which, upon closing (which is expected to occur in the second quarter of 2018), Dynegy will merge with and into Vistra Energy (the Merger), with Vistra Energy surviving the Merger and the shareholders of Vistra Energy and Dynegy receiving 79% and 21%, respectively, of the equity of the combined company. See Item 1. *Business* - Recent Developments below for a more detailed description of the Merger and the Merger Agreement.

#### ***Business Strategy***

Our business strategy is to deliver long-term stakeholder value through a focus on the following areas:

- *Integrated business model.* We believe the key factor that distinguishes us from others in our industry is the integrated nature of our business ( *i.e.* , pairing Luminant's reliable and efficient mining, generating and wholesale commodity risk management capabilities with TXU Energy's retail platform). Our business strategy will be guided by our integrated business model because we believe it is our core competitive advantage and differentiates us from our non-integrated competitors. We believe our integrated business model creates a unique opportunity because, relative to our non-integrated competitors, it reduces the effects of commodity price movements and contributes to earnings stability. Consequently, our integrated business model is at the core of our business strategy.
- *Strong balance sheet and disciplined capital allocation.* Like any energy-focused business, we are potentially subject to significant commodity price volatility and capital costs. Accordingly, our strategy has been, and will continue to be, to maintain a strong balance sheet. As a result, we are focused on maintaining prudent financial leverage supported by readily accessible, flexible and diverse sources of liquidity. Our ongoing capital allocation priorities primarily include making necessary capital investments to maintain the safety and reliability of our facilities. Because we believe cost discipline and strong management of our assets and commodity positions are necessary to deliver long-term value to our stakeholders, we generally make capital allocation decisions that we believe will lead to attractive cash returns on investment.



- *Superior customer service.* Through TXU Energy, we serve the retail electricity needs of end-use residential, small business, commercial and industrial electricity customers through multiple sales and marketing channels. In addition to benefitting from our integrated business model, we leverage our brand, our commitment to a consistent and reliable product offering, the backstop of the electricity generated by our generation fleet, our wholesale commodity risk management operations and our strong customer service to differentiate our products and services from our competitors. We strive to be at the forefront of innovation with new offerings and customer experiences to reinforce our value proposition. We maintain a focus on solutions that give our customers choice, convenience and control over how and when they use electricity and related services, including Free Nights and Solar Days residential plans, MyEnergy Dashboard <sup>SM</sup>, TXU iThermostat product and mobile solution, the TXU Energy Rewards program, the TXU Energy Green Up <sup>SM</sup> renewable energy credit program and a diverse set of solar options. Our focus on superior customer service will guide our efforts to acquire new residential and commercial customers, serve and retain existing customers and maintain valuable sales channels for our electricity generation resources. We believe our customer service, products and trusted brand have resulted in TXU Energy maintaining the highest residential customer retention rate of any Texas retail electric provider in its respective core market.
- *Excellence in operations while maintaining an efficient cost structure.* We believe that operating our facilities in a safe, reliable, environmentally compliant, and cost-effective and efficient manner is a foundation for delivering long-term stakeholder value. We also believe value increases as a function of making disciplined investments that enable our generation facilities to operate not only effectively and efficiently, but also safely, reliably and in an environmentally compliant manner. We believe that an ongoing focus on operational excellence and safety is a key component to success in a highly competitive environment and is part of the unique value proposition of our integrated model. Additionally, we are committed to optimizing our cost structure and implementing enterprise-wide process and operating improvements without compromising the safety of our communities, customers and employees. In connection with Emergence, in addition to significantly reducing our debt levels, we implemented certain cost-reduction actions in order to better align and right-size our cost structure. We believe we have a highly effective and efficient cost structure and that our cost structure supports excellence in our operations.
- *Integrated hedging and commercial management.* Our commercial team is focused on managing risk, through opportunistic hedging, and optimizing our assets and business positions. We actively manage our exposure to wholesale electricity prices in ERCOT, on an integrated basis, through contracts for physical delivery of electricity, exchange-traded and over-the-counter financial contracts, ERCOT term, day-ahead and real-time market transactions, and bilateral contracts with other wholesale market participants, including other power generators and end-user electricity customers. These hedging activities include short-term agreements, long-term electricity sales contracts and forward sales of natural gas through financial instruments. The historically positive correlation between natural gas prices and wholesale electricity prices in ERCOT has provided us an opportunity to manage our exposure to the variability of wholesale electricity prices through natural gas hedging activities. We seek to hedge near-term cash flow and optimize long term value through hedging and forward sales contracts. We believe our integrated hedging and commercial management strategy, in combination with a strong balance sheet and strong liquidity profile, will provide a long-term advantage through cycles of higher and lower commodity prices.
- *Growth and enhancement.* Our growth strategy leverages our core capabilities of multi-channel retail marketing in a large and competitive market, operating large-scale, environmentally sensitive, and diverse assets across a variety of fuel technologies, fuel logistics and management, commodity risk management, cost control, and energy infrastructure investing. We intend to opportunistically evaluate acquisitions of high-quality energy infrastructure assets and businesses that complement these core capabilities and enable us to achieve operational or financial synergies. While we are intent on growing our business and creating value for our stockholders, we are committed to making disciplined investments that are consistent with our focus on maintaining a strong balance sheet and strong liquidity profile. As a result, consistent with our disciplined capital allocation approval process, growth opportunities we pursue will need to have compelling economic value in addition to fitting with our business strategy.
- *Corporate responsibility and citizenship.* We are committed to providing safe, reliable, cost-effective and environmentally compliant electricity for the communities and customers we serve. We strive to improve the quality of life in the communities in which we operate. We are also committed to being a good corporate citizen in the communities in which we conduct operations. We and our employees are actively engaged in programs intended to support and strengthen the communities in which we conduct operations. Our foremost giving initiatives are through the United Way and TXU Energy Aid campaigns. TXU Energy Aid has served as an integral resource for social service agencies that assist families in need across Texas pay their electricity bills.

## ***The ERCOT Market***

ERCOT is an ISO that manages the flow of electricity from approximately 78,000 MW of installed capacity to approximately 24 million Texas customers, representing approximately 90% of the state's electric load and spanning approximately 75% of its geography, as of December 31, 2017. Population growth in Texas is currently expanding at well above the national average rate, with a growth rate of 12.1% between July 2010 and July 2017, more than double the U.S. population growth rate of 5.3% during the same period, according to the U.S. Census Bureau. ERCOT accounts for approximately 32% of the competitively served retail load in the U.S., and residential consumers in the ERCOT market consume approximately 30% more electricity than the average U.S. residential consumer according to the U.S. Energy Information Administration (EIA). Total ERCOT power demand has grown at a compounded annual growth rate of approximately 1.4% from 2006 through 2016, compared to a range of -0.3% to 0.2% in other U.S. markets, according to ERCOT and the EIA, respectively.

As an energy-only market, ERCOT's market design is distinct from other competitive electricity markets in the United States. Other markets maintain a minimum reserve margin through regulated planning, resource adequacy requirements and/or capacity markets. In contrast, ERCOT's resource adequacy is predominately dependent on free-market processes and energy-market price signals. On June 1, 2014, ERCOT implemented the Operating Reserve Demand Curve (ORDC), pursuant to which wholesale electricity prices in the real-time electricity market increase automatically as available operating reserves decrease below defined threshold levels, creating a price adder. When operating reserves drop to 2,000 MW or less, the ORDC automatically adjusts power prices to the established value of lost load (VOLL), which is set at \$9,000/MWh. Because ERCOT has limited excess generation capacity to meet high demand days due to its minimal import capacity, and peaking facilities have high operating costs, the marginal price of supply rapidly increases during periods of high demand. Historically, elevated temperatures in the summer months have driven high electricity demand in ERCOT. Many generators benefit from these sporadic periods of "scarcity pricing" in which power prices may increase significantly, up to the current \$9,000/MWh price cap.

Transactions in ERCOT take place in two key markets: the day-ahead market and the real-time market. The day-ahead market is a voluntary, forward electricity market conducted the day before each operating day in which generators and purchasers of electricity may bid for one or more hours of electricity supply or consumption. The real-time market is a spot market in which electricity may be sold in five-minute intervals. The day-ahead market provides market participants with visibility into where prices are expected to clear, and the prices are not impacted by subsequent events. Conversely, the real-time market exposes purchasers to the risk of transient operational events and price spikes. These two markets allow market participants to manage their risk profile by adjusting their participation in each market. In addition, ERCOT uses ancillary services to maintain system reliability, including regulation service-up, regulation service-down, responsive reserve service and non-spinning reserve service. Regulation service up and down are used to balance the grid in a near-instantaneous fashion when supply and demand fluctuate due to a variety of factors, such as weather, generation outages, renewable production intermittency and transmission outages. Responsive reserves and non-spinning reserves are used by ERCOT when the grid is at, near or recovering from a state of emergency due to inadequate generation. Because ERCOT has one of the highest concentrations of wind capacity generation among United States markets, the ERCOT market is more susceptible to fluctuations in wholesale electricity supply due to intermittent wind production, making ERCOT more vulnerable to periods of generation scarcity.

## ***Operating Segments***

Our operating segments consist of the Wholesale Generation segment, consisting largely of Luminant, and the Retail Electricity segment, consisting largely of TXU Energy. See Note 20 to the Financial Statements for additional information related to our operating segments.

### *Wholesale Generation Segment*

As described in Item 2. *Properties*, our power generation fleet is diverse and flexible in terms of dispatch characteristics as our fleet includes baseload, intermediate/load following and peaking generation. Our wholesale commodity risk management business is responsible for dispatching our generation fleet in response to market needs after implementing portfolio optimization strategies, thus linking and integrating the generation fleet production with our retail customer and wholesale sales opportunities. Market demand, also known as load, faced by an electric power system such as ERCOT varies from moment to moment as a result of changes in business and residential demand, which is often driven by weather. Unlike most other commodities, the production and consumption of electricity must remain balanced on an instantaneous basis. There is a certain baseline demand for electricity across an electric power system that occurs throughout the day, which is typically satisfied by baseload generating units with low variable operating costs. Baseload generating units can also increase output to satisfy certain incremental demand and reduce output when demand is unusually low. Intermediate/load-following generating units, which can more efficiently change their output to satisfy increases in demand, typically satisfy a large proportion of changes in intraday load as they respond to daily increases in demand or unexpected changes in supply created by reduced generation from renewable resources or other generator outages. Peak daily loads may be satisfied by peaking units. Peaking units are typically the most expensive to operate, but they can quickly start up and shut down to meet brief peaks in demand. In general, baseload units, intermediate/load following units and peaking units are dispatched into the ERCOT grid in order from lowest to highest variable cost. Price formation in ERCOT, as with other competitive power markets in the U.S., is typically based on the highest variable cost unit that clears the market to satisfy system demand at a given point in time.

### *Retail Electricity Segment*

Texas has one of the fastest growing populations of any state in the U.S. and has a diverse economy, which has resulted in a significant and growing competitive retail electricity market. We are an active participant in the competitive ERCOT market and continue to be a market leader, which we believe is driven by, among other things, having one of the lowest customer complaint rates according to the PUCT and having an integrated power generation and wholesale operation that allows us to efficiently obtain the electricity needed to serve our customers at the lowest cost. We provided electricity to approximately 24% and 18% of the residential and commercial customers in ERCOT, respectively, as of December 31, 2017. We believe that we have differentiated ourselves by providing a distinctive customer experience predicated on delivering reliable and innovative power products and solutions to our customers, such as Free Nights and Solar Days residential plans, MyEnergy Dashboard <sup>SM</sup>, TXU iThermostat product and mobile solution, the TXU Energy Rewards program, the TXU Energy Green UP <sup>SM</sup> renewable energy credit program and a diverse set of solar options, which give our customers choice, convenience and control over how and when they use electricity and related services. We competitively market electricity and related services to acquire, serve and retain retail customers. We believe we are situated to better serve our retail customers through our unique affiliation with our wholesale commodity risk management personnel who can structure products and contracts in a way that offers significant value compared to stand-alone retail electric providers. Additionally, our wholesale commodity risk management business protects our retail business from power price volatility by allowing us to bypass bid-ask spread in the market (particularly for illiquid products and time periods), which results in significantly lower collateral costs for our retail business as compared to other, non-integrated retail electric providers. Moreover, our retail business reduces, to some extent, the exposure of our wholesale generation business to wholesale power price volatility. This is because the retail load requirements of our retail operations (primarily TXU Energy) provide a natural offset to the length of Luminant's generation portfolio thereby reducing the exposure to wholesale power price volatility as compared to a non-integrated independent power producer.

### *Seasonality*

The demand for and market prices of electricity and natural gas are affected by weather. As a result, our operating results may fluctuate on a seasonal basis, and more severe weather conditions such as heat waves or extreme winter weather may make such fluctuations more pronounced. The pattern of this fluctuation may change depending on, among other things, the retail load served and the terms of contracts to purchase or sell electricity.

## **Competition**

Competition in ERCOT, as in other electricity markets, is impacted by electricity and fuel prices, congestion along the power grid, subsidies provided by state and federal governments for new generation facilities, new market entrants, construction of new generating assets, technological advances in power generation, the actions of environmental and other regulatory authorities, and other factors. We primarily compete with other electricity generators and retailers based on our ability to generate electric supply, market and sell electricity at competitive prices and to efficiently utilize transportation from third-party pipelines and transmission from electric utilities to deliver electricity to end-users. Competitors in the generation and retail power markets in which we participate include regulated utilities, industrial companies, non-utility generators, competitive subsidiaries of regulated utilities, independent power producers, REPs and other energy marketers. See Item 1A. *Risk Factors* for additional information concerning the risks faced with respect to the competitive energy markets in which we operate.

## **Brand Value**

Our TXU Energy <sup>TM</sup> brand, which has been used to sell electricity to customers in the competitive retail electricity market in Texas for approximately 16 years, is registered and protected by trademark law and is the only material intellectual property asset that we own. As of December 31, 2017, we have reflected an intangible asset on our balance sheet for the TXU Energy <sup>TM</sup> brand of approximately \$1.2 billion (see Note 7 to the Financial Statements).

## **Recent Developments**

On October 29, 2017, Vistra Energy and Dynegy, entered into the Merger Agreement. The following description of the Merger Agreement does not purport to be a complete description and is qualified in its entirety by reference to the full text of the Merger Agreement filed as Exhibit 2.1 to our Current Report on Form 8-K filed on October 31, 2017.

Upon the terms and subject to the conditions set forth in the Merger Agreement, which has been approved by the boards of directors of Vistra Energy and Dynegy, Dynegy will merge with and into Vistra Energy, with Vistra Energy continuing as the surviving corporation. The Merger is intended to qualify as a tax-free reorganization under the Internal Revenue Code of 1986, as amended, so that none of Vistra Energy, Dynegy or any of the Dynegy stockholders will recognize any gain or loss in the transaction, except that Dynegy stockholders could recognize a gain or loss with respect to cash received in lieu of fractional shares of Vistra Energy's common stock. We expect that Vistra Energy will be the acquirer for both federal tax and accounting purposes.

Upon the closing of the Merger, each issued and outstanding share of Dynegy common stock, par value \$0.01 per share, other than shares owned by Vistra Energy or its subsidiaries, held in treasury by Dynegy or held by a subsidiary of Dynegy, will automatically be converted into the right to receive 0.652 shares of common stock, par value \$0.01 per share, of Vistra Energy (the Exchange Ratio), except that cash will be paid in lieu of fractional shares, which we expect will result in Vistra Energy's stockholders and Dynegy's stockholders owning approximately 79% and 21%, respectively, of the combined company. Dynegy stock options and equity-based awards outstanding immediately prior to the Effective Time will generally automatically convert upon completion of the Merger into stock options and equity-based awards, respectively, with respect to Vistra Energy's common stock, after giving effect to the Exchange Ratio.

The Merger Agreement also provides that, upon the closing of the Merger, the board of directors of the combined company will be comprised of 11 members, consisting of (a) the eight current directors of Vistra Energy and (b) three of Dynegy's current directors, of whom one will be a Class I director, one will be a Class II director and one will be a Class III director, unless the closing of the Merger occurs after the date of Vistra Energy's 2018 Annual Meeting of Stockholders, in which case one will be a Class I director and two will be Class II directors.

Completion of the Merger is subject to various customary conditions, including, among others, (a) approval by Vistra Energy's stockholders of the issuance of Vistra Energy's common stock in the Merger, (b) adoption of the Merger Agreement by Vistra Energy's stockholders and Dynegy's stockholders, (c) receipt of all requisite regulatory approvals, which includes approvals of the FERC, the PUCT, the Federal Communications Commission and the New York Public Service Commission, and the expiration or termination of the applicable waiting period under the Hart-Scott-Rodino Antitrust Improvements Act of 1976, (HSR Waiting Period) and (d) the approval of the listing of shares to be issued on the NYSE. Each party's obligation to consummate the Merger is also subject to certain additional customary conditions, including (i) subject to certain exceptions, the accuracy of the representations and warranties of the other party, (ii) performance in all material respects by the other party of its obligations under the Merger Agreement and (iii) the receipt by such party of an opinion from its counsel to the effect that the Merger will qualify as a tax-free reorganization within the meaning of the Code. The HSR Waiting Period expired on February 5, 2018.

The Merger Agreement contains customary representations, warranties and covenants of Vistra Energy and Dynegy, including, among others, covenants (a) to conduct their respective businesses in the ordinary course during the interim period between the execution of the Merger Agreement and completion of the Merger, (b) not to take certain actions during the interim period except with the consent of the other party, (c) that Vistra Energy and Dynegy will convene and hold meetings of their respective stockholders to obtain the required stockholder approvals, and (d) that the parties use their respective reasonable best efforts to take all actions necessary to obtain all governmental and regulatory approvals and consents (except that Vistra Energy shall not be required, and Dynegy shall not be permitted, to take any action that constitutes or would reasonably be expected to have certain specified burdensome effects). Each of Vistra Energy and Dynegy is also subject to restrictions on its ability to solicit alternative acquisition proposals and to provide information to, and engage in discussion with, third parties regarding such proposals, except under limited circumstances to permit Vistra Energy's and Dynegy's boards of directors to comply with their respective fiduciary duties.

The Merger Agreement contains certain termination rights for both Vistra Energy and Dynegy, including in specified circumstances in connection with an alternative acquisition proposal that has been determined to be a superior offer. Upon termination of the Merger Agreement, under specified circumstances (a) for a failure by Vistra Energy to obtain certain requisite regulatory approvals, Vistra Energy may be required to pay Dynegy a termination fee of \$100 million, (b) in connection with a superior offer, acquisition proposal or unforeseeable material intervening event, Vistra Energy may be required to pay a termination fee to Dynegy of \$100 million, and (c) in connection with a superior offer, acquisition proposal or an unforeseeable material intervening event, Dynegy may be required to pay to Vistra Energy a termination fee of \$87 million. In addition, if the Merger Agreement is terminated (i) because Vistra Energy's stockholders do not approve the issuance of Vistra Energy's common stock in the Merger or do not adopt the Merger Agreement, then Vistra Energy will be obligated to reimburse Dynegy for its reasonable out-of-pocket fees and expenses incurred in connection with the Merger Agreement, or (ii) because Dynegy's stockholders do not adopt the Merger Agreement, then Dynegy will reimburse Vistra Energy for its reasonable out-of-pocket fees and expenses incurred in connection with the Merger Agreement, each of which is subject to a cap of \$22 million. Such expense reimbursement may be deducted from the foregoing termination fees, if ultimately payable.

The Merger is subject to certain risks and uncertainties, and there can be no assurance that we will be able to complete the Merger on the expected timeline or at all.

*Merger Support Agreements* — Concurrently with the execution of the Merger Agreement, certain stockholders of Vistra Energy, including affiliates of Apollo Management Holdings L.P. (collectively, the Apollo Entities), affiliates of Brookfield Asset Management Private Institutional Capital Adviser (Canada), L.P. (collectively, the Brookfield Entities) and certain affiliates of Oaktree Capital Management, L.P. (Oaktree), such agreements representing in the aggregate approximately 34% of the shares of Vistra Energy's common stock that will be entitled to vote on the Merger, and certain stockholders of Dynegy, including Terawatt Holdings, LP, an affiliate of certain affiliated investment funds of Energy Capital Partners III, LLC (Terawatt) and certain affiliates of Oaktree, such agreements representing in the aggregate approximately 21% of the shares of Dynegy's common stock that will be entitled to vote on the Merger, have entered into the Merger Support Agreements, pursuant to which each such stockholder agreed to vote their shares of common stock of Vistra Energy or Dynegy, as applicable, to adopt the Merger Agreement, and in the case of stockholders of Vistra Energy, approve the stock issuance. The Merger Support Agreements will automatically terminate upon a change of recommendation by the applicable board of directors or the termination of the Merger Agreement in accordance with its terms.

The foregoing description of the Merger Support Agreements does not purport to be complete and is qualified in its entirety by reference to that certain Merger Support Agreement, dated as of October 29, 2017, by and among Dynegy and the Apollo Entities, the Brookfield Entities and certain affiliates of Oaktree (filed as Exhibit 10.1 to Dynegy Inc.'s Current Report on Form 8-K filed on October 30, 2017), the Merger Support Agreement entered into between Vistra Energy and Terawatt (filed as Exhibit 10.1 to our Current Report on Form 8-K filed on October 31, 2017) and the Merger Support Agreement entered into between Vistra Energy and certain affiliates of Oaktree (filed as Exhibit 10.2 to our Current Report on Form 8-K filed on October 31, 2017).

*Litigation Related to the Merger* — In January 2018, a purported Dynegy stockholder filed a putative class action lawsuit in the U.S. District Court for the Southern Division of Texas, Houston Division, alleging that Dynegy, each member of the Dynegy board of directors and Vistra Energy violated federal securities laws by filing a Form S-4 Registration Statement in connection with the Merger that omits purportedly material information. The lawsuit seeks to enjoin the Merger and to have Dynegy and Vistra Energy issue an amended Form S-4 or, alternatively, damages if the Merger closes without an amended Form S-4 having been filed. Two other related lawsuits were also filed but neither of those named Vistra Energy. In February 2018, Vistra Energy and Dynegy filed supplemental disclosures to the Registration Statement and the plaintiffs agreed to forego any further effort to enjoin the Merger, dismiss the individual claims with prejudice, and dismiss without prejudice claims of the putative class following the stockholder vote scheduled for March 2, 2018.

## ***Environmental Regulations and Related Considerations***

We are subject to extensive environmental regulation by governmental authorities, including the EPA and the TCEQ. The EPA has recently finalized or proposed several regulatory actions establishing new requirements for control of certain emissions from sources, including electricity generation facilities. See Item 1A. *Risk Factors* for additional discussion of risks posed to us regarding regulatory requirements. See Note 13 to the Financial Statements for a discussion of litigation related to EPA reviews.

### ***Greenhouse Gas Emissions***

In August 2015, the EPA finalized rules to address greenhouse gas (GHG) emissions from new, modified and reconstructed and existing electricity generation units, referred to as the Clean Power Plan. The rule for existing facilities would establish state-specific emissions rate goals to reduce nationwide CO<sub>2</sub> emissions related to affected units by over 30% from 2012 emission levels by 2030. A number of parties, including Luminant, filed petitions for review in the U.S. Court of Appeals for the District of Columbia Circuit (D.C. Circuit Court) for the rule for new, modified and reconstructed plants. In addition, a number of petitions for review of the rule for existing plants were filed in the D.C. Circuit Court by various parties and groups, including challenges from twenty-seven different states opposed to the rule as well as those from, among others, certain power generating companies, various business groups and some labor unions. Luminant also filed its own petition for review. In January 2016, a coalition of states, industry (including Luminant) and other parties filed applications with the U.S. Supreme Court (Supreme Court) asking that the Supreme Court stay the rule while the D.C. Circuit Court reviews the legality of the rule for existing plants. In February 2016, the Supreme Court stayed the rule pending the conclusion of legal challenges on the rule before the D.C. Circuit Court and until the Supreme Court disposes of any subsequent petition for review. Oral argument on the merits of the legal challenges to the rule was heard in September 2016 before the entire D.C. Circuit Court.

In March 2017, President Trump issued an Executive Order entitled *Promoting Energy Independence and Economic Growth* (Order). The Order covers a number of matters, including the Clean Power Plan. Among other provisions, the Order directs the EPA to review the Clean Power Plan and, if appropriate, suspend, revise or rescind the rules on existing and new, modified and reconstructed generating units. In April 2017, in accordance with the Order, the EPA published its intent to review the Clean Power Plan. In addition, the Department of Justice has filed motions seeking to abate those cases until the EPA concludes its review of the rules, including any new rulemaking that results from that review. In April 2017, the D.C. Circuit Court issued orders holding the cases in abeyance for 60 days and directing the EPA to provide status reports at 30-day intervals. The D.C. Circuit Court further ordered that all parties file supplemental briefs in May 2017 on whether the cases should be remanded to the EPA rather than held in abeyance. The D.C. Circuit Court entered additional 60-day abeyances in August 2017 and November 2017. The latest 60-day abeyance expired in January 2018, and the D.C. Circuit Court has yet to take further action on the EPA's request to continue the abeyance. In October 2017, the EPA issued a proposed rule that would repeal the Clean Power Plan. The proposed repeal focuses on what the EPA believes to be the unlawful nature of the Clean Power Plan and asks for public comment on the EPA's interpretations of its authority under the Clean Air Act. We currently plan to submit comments in response to the proposed repeal by April 2018. In December 2017, the EPA published an advance notice of proposed rulemaking (ANPR) soliciting information from the public as the EPA considers proposing a future rule. We currently plan on submitting comments by the February 2018 deadline. While we cannot predict the outcome of these rulemakings and related legal proceedings, or estimate a range of reasonably probable costs, if the rules are ultimately implemented or upheld as they were issued, they could have a material impact on our results of operations, liquidity or financial condition.

### ***Cross-State Air Pollution Rule (CSAPR)***

In July 2011, the EPA issued the CSAPR, compliance with which would have required significant additional reductions of sulfur dioxide (SO<sub>2</sub>) and nitrogen oxide (NO<sub>x</sub>) emissions from our fossil fueled generation units. In February 2012, the EPA released a final rule (Final Revisions) and a proposed rule revising certain aspects of the CSAPR, including increases in the emissions budgets for Texas and our generation assets as compared to the July 2011 version of the rule. In June 2012, the EPA finalized the proposed rule (Second Revised Rule).



The CSAPR became effective January 1, 2015. In July 2015, following a remand of the case from the Supreme Court to consider further legal challenges, the D.C. Circuit Court ruled in favor of Luminant and other petitioners, holding that the CSAPR emissions budgets over-controlled Texas and other states. The D.C. Circuit Court remanded those states' budgets to the EPA for prompt reconsideration. While Luminant planned to participate in the EPA's reconsideration process to develop increased budgets for the 1997 ozone standard that do not over-control Texas, the EPA instead responded to the remand by proposing a new rulemaking that created new NO<sub>x</sub> ozone season budgets for the 2008 ozone standard without addressing the over-controlling budgets for the 1997 standard. Comments on the EPA's proposal were submitted by Luminant in February 2016. In August 2016, the EPA disapproved certain aspects of Texas's infrastructure State Implementation Plan (SIP) for the 2008 ozone National Ambient Air Quality Standard and imposed a Federal Implementation Plan (FIP) in its place in October 2016. Texas filed a petition in the Fifth Circuit Court challenging the SIP disapproval and Luminant intervened in support of Texas's challenge. The parties moved to stay the case and the court responded by dismissing the petition with the right to reinstate as provided in the Fifth Circuit Court's rules. The State of Texas and Luminant have also both filed challenges in the D.C. Circuit Court challenging the EPA's FIP and those cases are currently pending before that court. With respect to Texas's SO<sub>2</sub> emission budgets, in June 2016, the EPA issued a memorandum describing the EPA's proposed approach for responding to the D.C. Circuit Court's remand for reconsideration of the CSAPR SO<sub>2</sub> emission budgets for Texas and three other states that had been remanded to the EPA by the D.C. Circuit Court. In the memorandum, the EPA stated that those four states could either voluntarily participate in the CSAPR by submitting a SIP revision adopting the SO<sub>2</sub> budgets that had been previously held invalid by the D.C. Circuit Court and the current annual NO<sub>x</sub> budgets or, if the state chooses not to participate in the CSAPR, the EPA could withdraw the CSAPR FIP by the fall of 2016 for those states and address any interstate transport and regional haze obligations on a state-by-state basis. Texas has not indicated that it intends to adopt the over-controlling budgets and, in November 2016, the EPA proposed to withdraw the CSAPR FIP addressing SO<sub>2</sub> and NO<sub>x</sub> for Texas. In September 2017, the EPA finalized its proposal to remove Texas from the annual CSAPR programs. The Sierra Club and the National Parks Conservation Association filed a petition for review in the D.C. Circuit Court challenging that final rule. Luminant intervened on behalf of the EPA. As a result of the EPA's action, Texas electric generating units are no longer subject to the CSAPR annual SO<sub>2</sub> and NO<sub>x</sub> limits, but remain subject to the CSAPR's ozone season NO<sub>x</sub> requirements. While we cannot predict the outcome of future proceedings related to the CSAPR, including the EPA's recent actions concerning the CSAPR annual emissions budgets for affected states participating in the CSAPR program, based upon our current operating plans, including the recent retirements of our Monticello, Big Brown and Sandow 4 plants (see Note 4 to the Financial Statements), we do not believe that the CSAPR itself will cause any material operational, financial or compliance issues to our business or require us to incur any material compliance costs.

#### *Regional Haze — Reasonable Progress and Long-Term Strategies*

The Regional Haze Program of the CAA establishes "as a national goal the prevention of any future, and the remedying of any existing, impairment of visibility in mandatory Class I federal areas, like national parks, which impairment results from man-made pollution." There are two components to the Regional Haze Program. First, states must establish goals for reasonable progress for Class I federal areas within the state and establish long-term strategies to reach those goals and to assist Class I federal areas in neighboring states to achieve reasonable progress set by those states towards a goal of natural visibility by 2064. In February 2009, the TCEQ submitted a SIP concerning regional haze (Regional Haze SIP) to the EPA. In December 2011, the EPA proposed a limited disapproval of the Regional Haze SIP due to its reliance on the Clean Air Interstate Rule (CAIR) instead of the EPA's replacement CSAPR program that the EPA finalized in July 2011. The EPA finalized the limited disapproval of Texas's Regional Haze SIP in June 2012. In August 2012, Luminant filed a petition for review in the Fifth Circuit Court challenging the EPA's limited disapproval of the Regional Haze SIP on the grounds that the CAIR continued in effect pending the D.C. Circuit Court's decision in the CSAPR litigation. In August 2012, Luminant filed a motion to intervene in a case filed by industry groups and other states and private parties in the D.C. Circuit Court challenging the EPA's limited disapproval and issuance of a FIP regarding the regional haze best available retrofit technology (BART) program. The Fifth Circuit Court case has since been transferred to the D.C. Circuit Court and consolidated with other pending BART program regional haze appeals. Briefing in the D.C. Circuit Court was completed in March 2017, and oral argument was held in November 2017.

In May 2014, the EPA issued requests for information under Section 114 of the CAA to Luminant and other generators in Texas related to the reasonable progress program. After releasing a proposed rule in November 2014 and receiving comments from a number of parties, including Luminant and the State of Texas in April 2015, the EPA issued a final rule in January 2016 approving in part and disapproving in part Texas' SIP for Regional Haze and issuing a FIP for Regional Haze. In the rule, the EPA asserts that the Texas SIP does not show reasonable progress in improving visibility for two areas in Texas and that its long-term strategy fails to make emission reductions needed to achieve reasonable progress in improving visibility in the Wichita Mountains of Oklahoma. The EPA's emission limits in the FIP assume additional control equipment for specific lignite/coal-fueled generation units across Texas, including new flue gas desulfurization systems (scrubbers) at seven electricity generating units and upgrades to existing scrubbers at seven generation units. Specifically, for Luminant, the EPA's FIP is based on new scrubbers at Big Brown Units 1 and 2 and Monticello Units 1 and 2 and scrubber upgrades at Martin Lake Units 1, 2 and 3, Monticello Unit 3 and Sandow Unit 4. Under the terms of the rule, subject to the legal proceedings described in the following paragraph, the scrubber upgrades would be required by February 2019, and the new scrubbers would be required by February 2021.

In March 2016, Luminant and a number of other parties, including the State of Texas, filed petitions for review in the Fifth Circuit Court challenging the FIP's Texas requirements. Luminant and other parties also filed motions to stay the FIP while the court reviews the legality of the EPA's action. In July 2016, the Fifth Circuit Court denied the EPA's motion to dismiss Luminant's challenge to the FIP and denied the EPA's motion to transfer the challenges Luminant, the other industry petitioners and the State of Texas filed to the D.C. Circuit Court. In addition, the Fifth Circuit Court granted the motions to stay filed by Luminant, the other industry petitioners and the State of Texas pending final review of the petitions for review. The case was abated until the end of November 2016 in order to allow the parties to pursue settlement discussions. Settlement discussions were unsuccessful, and in December 2016 the EPA filed a motion seeking a voluntary remand of the rule back to the EPA for further consideration of Luminant's pending request for administrative reconsideration. Luminant and some of the other petitioners filed a response opposing the EPA's motion to remand and filed a cross motion for vacatur of the rule in December 2016. In March 2017, the Fifth Circuit Court remanded the rule back to the EPA for reconsideration in light of the Court's prior determination that we and the other petitioners demonstrated a substantial likelihood that the EPA exceeded its statutory authority and acted arbitrarily and capriciously, but the Court denied all of the other pending motions. The stay of the rule (and the emission control requirements) remains in effect. In addition, the Fifth Circuit Court denied the EPA's motion to lift the stay as to parts of the rule implicated in the EPA's subsequent BART proposal and the Court is retaining jurisdiction of the case and requiring the EPA to file status reports on its reconsideration every 60 days. The recent retirements of our Monticello, Big Brown and Sandow 4 plants should have a favorable impact on this rulemaking and litigation. While we cannot predict the outcome of the rulemaking and legal proceedings, or estimate a range of reasonably possible costs, the result may have a material impact on our results of operations, liquidity or financial condition.

#### *Regional Haze — Best Available Retrofit Technology*

The second part of the Regional Haze Program subjects certain electricity generation units built between 1962 and 1977, to BART standards designed to improve visibility if such units cause or contribute to impairment of visibility in a federal class I area. BART reductions of SO<sub>2</sub> and NO<sub>x</sub> are required either on a unit-by-unit basis or are deemed satisfied by state participation in an EPA-approved regional trading program such as the CSAPR or other approved alternative program. In response to a lawsuit by environmental groups, the D.C. Circuit Court issued a consent decree in March 2012 that required the EPA to propose a decision on the Regional Haze SIP by May 2012 and finalize that decision by November 2012. The consent decree requires a FIP for any provisions that the EPA disapproves. The D.C. Circuit Court has amended the consent decree several times to extend the dates for the EPA to propose and finalize a decision on the Regional Haze SIP. The consent decree was modified in December 2015 to extend the deadline for the EPA to finalize action on the determination and adoption of requirements for BART for electricity generation. Under the amended consent decree, the EPA had until December 2016 to propose, and had until September 2017 to finalize, either approval of the state plan or a FIP for BART for Texas electricity generation sources if the EPA determines that BART requirements have not been met. The EPA issued a proposed BART FIP for Texas in January 2017. The EPA's proposed emission limits assume additional control equipment for specific lignite/coal-fueled generation units across Texas, including new flue gas desulfurization systems (scrubbers) at 12 electric generation units and upgrades to existing scrubbers at four electric generation units. Specifically, for Luminant, the EPA's proposed emission limitations were based on new scrubbers at Big Brown Units 1 and 2 and Monticello Units 1 and 2 and scrubber upgrades at Martin Lake Units 1, 2 and 3 and Monticello Unit 3. Luminant evaluated the requirements and potential financial and operational impacts of the proposed rule, but new scrubbers at the Big Brown and Monticello units necessary to achieve the emission limits required by the FIP (if those limits are possible to attain), along with the existence of low wholesale power prices in ERCOT, would challenge the long-term economic viability of those units. Under the terms of the proposed rule, the scrubber upgrades would have been required within three years of the effective date of the final rule and the new scrubbers will be required within five years of the effective date of the final rule. We submitted comments on the proposed FIP in May 2017.



The EPA signed the final BART FIP for Texas in September 2017. The rule is a partial approval of Texas's 2009 SIP and a partial FIP. In response to comments on the proposed rule submitted to the EPA, for SO<sub>2</sub>, the rule creates an intrastate Texas emission allowance trading program as a "BART alternative" that operates in a similar fashion to a CSAPR trading program. The program includes 39 generating units, including our Martin Lake, Big Brown, Monticello, Sandow 4, Stryker 2 and Graham 2 plants. Of the 39 units, 30 are BART-eligible, three are co-located with a BART-eligible unit and six units are included in the program based on a visibility impacts analysis by the EPA. The 39 units represent 89% of SO<sub>2</sub> emissions from Texas electric generating units in 2016 and 85% of all CSAPR SO<sub>2</sub> allowance allocations for Texas existing electric generating units. The compliance obligations in the program will start on January 1, 2019. The identified units will receive an annual allowance allocation that is equal to their most recent annual CSAPR SO<sub>2</sub> allocation. Luminant's units covered by the program are allocated 91,222 allowances annually. Under the rule, a unit that is listed that does not operate for two consecutive years starting after 2018 would no longer receive allowances after the fifth year of non-operation. We believe the recent retirements of our Monticello, Big Brown and Sandow 4 plants will enhance our ability to comply with this BART rule for SO<sub>2</sub>. For NO<sub>x</sub>, the rule adopts the CSAPR's ozone program as BART and for particulate matter, the rule approves Texas's SIP that determines that no electric generating units are subject to BART for particulate matter. The National Parks Conservation Association, the Sierra Club and the Environmental Defense Fund filed a petition challenging the rule in the Fifth Circuit Court as well as a petition for reconsideration filed with the EPA. Additionally, the National Parks Conservation Association, the Sierra Club, the Environmental Defense Fund and other environmental groups filed a motion in the D.C. Circuit Court in October 2017 to enforce the terms of the consent decree that was originally entered in 2012. The EPA filed a cross-motion to terminate the consent decree in October 2017. These motions remain pending before the D.C. Circuit Court. Luminant has intervened on behalf of the EPA in that action. While we cannot predict the outcome of the rulemaking and potential legal proceedings, we believe the rule, if ultimately implemented or upheld as issued, will not have a material impact on our results of operation, liquidity or financial condition.

#### *Intersection of the CSAPR and Regional Haze Programs*

Historically the EPA has considered compliance with a regional trading program, such as the CSAPR, as satisfying a state's obligations under the BART portion of the Regional Haze Program. However, in the reasonable progress FIP, the EPA diverged from this approach and did not treat Texas' compliance with the CSAPR as satisfying its obligations under the BART portion of the Regional Haze Program. The EPA concluded that it would not be appropriate to finalize that determination given the remand of the CSAPR budgets. As described above, the EPA has now removed Texas from the annual CSAPR trading programs for SO<sub>2</sub> and NO<sub>x</sub> and has issued a final BART FIP for Texas.

#### *Affirmative Defenses During Malfunctions*

In February 2013, in response to a petition for rulemaking filed by the Sierra Club, the EPA proposed a rule requiring certain states to replace SIP exemptions for excess emissions during malfunctions with an affirmative defense. Texas was not included in that original proposal since it already had an EPA-approved affirmative defense provision in its SIP that was found to be lawful by the Fifth Circuit Court in 2013. In 2014, as a result of a D.C. Circuit Court decision striking down an affirmative defense in another EPA rule, the EPA revised its 2013 proposal to extend the EPA's proposed findings of inadequacy to states that have affirmative defense provisions, including Texas. The EPA's revised proposal would require Texas to remove or replace its EPA-approved affirmative defense provisions for excess emissions during startup, shutdown and maintenance events. In May 2015, the EPA finalized the proposal. In June 2015, Luminant filed a petition for review in the Fifth Circuit Court challenging certain aspects of the EPA's final rule as they apply to the Texas SIP. The State of Texas and other parties have also filed similar petitions in the Fifth Circuit Court. In August 2015, the Fifth Circuit Court transferred the petitions that Luminant and other parties filed to the D.C. Circuit Court, and in October 2015 the petitions were consolidated with the pending petitions challenging the EPA's action in the D.C. Circuit Court. Briefing in the D.C. Circuit Court on the challenges was completed in October 2016 and oral argument was originally set for May 2017. However, in April 2017, the court granted the EPA's motion to continue oral argument and ordered that the case be held in abeyance with the EPA to provide status reports to the court on the EPA's review of the action at 90-day intervals. We cannot predict the timing or outcome of this proceeding, or estimate a range of reasonably possible costs, but implementation of the rule as finalized may have a material impact on our results of operations, liquidity or financial condition.

## *SO<sub>2</sub> Designations for Texas*

In February 2016, the EPA notified Texas of the EPA's preliminary intention to designate nonattainment areas for counties surrounding our Big Brown, Monticello and Martin Lake generation plants based on modeling data submitted to the EPA by the Sierra Club. Such designation would potentially require the implementation of various controls or other requirements to demonstrate attainment. Luminant submitted comments challenging the use of modeling data rather than data from actual air quality monitoring equipment. In November 2016, the EPA finalized its proposed designations for Texas including finalizing the nonattainment designations for the areas referenced above. In doing so, the EPA ignored contradictory modeling that we submitted with our comments. The final designation mandates would be for Texas to begin the multi-year process to evaluate what potential emission controls or operational changes, if any, may be necessary to demonstrate attainment. In February 2017, the State of Texas and Luminant filed challenges to the nonattainment designations in the Fifth Circuit Court and protective petitions in the D.C. Circuit Court. In March 2017, the EPA filed a motion to transfer or dismiss our Fifth Circuit Court petition, and the State of Texas and Luminant filed an opposition to that motion. Briefing on that motion in the Fifth Circuit Court was completed in May 2017, and the Fifth Circuit Court held oral argument on that motion in July 2017. In August 2017, the Fifth Circuit Court denied the EPA's motion to transfer our challenge to the D.C. Circuit Court. In October 2017, the Fifth Circuit Court granted the EPA's motion to hold the case in abeyance in light of the EPA's representation that it intended to revisit the rule. In December 2017, the TCEQ submitted a petition for reconsideration to the EPA. In addition, with respect to Monticello and Big Brown, the retirement of those plants should favorably impact our legal challenge to the nonattainment designations in that the nonattainment designation for Freestone County and Titus County are based solely on the Sierra Club modeling of alleged SO<sub>2</sub> emissions from Big Brown and Monticello. We dispute the Sierra Club's modeling. Regardless, considering these retirements, the nonattainment designation for those counties are no longer supported. While we cannot predict the outcome of this matter, or estimate a range of reasonably possible costs, the result may have a material impact on our results of operations, liquidity or financial condition.

## *Water*

The TCEQ and the EPA have jurisdiction over water discharges (including storm water) from facilities in Texas. We believe our facilities are presently in material compliance with applicable state and federal requirements relating to discharge of pollutants into water. We believe we hold all required waste water discharge permits from the TCEQ for facilities in operation and have applied for or obtained necessary permits for facilities under construction. We also believe we can satisfy the requirements necessary to obtain any required permits or renewals.

Diversion, impoundment and withdrawal of water for cooling and other purposes are subject to the jurisdiction of the TCEQ and the EPA. We believe we possess all necessary permits from the TCEQ for these activities at our current facilities. Clean Water Act Section 316(b) regulations pertaining to existing water intake structures at large generation facilities became effective in 2014. Although the rule does not mandate a certain control technology, it does require site-specific assessments of technology feasibility on a case-by-case basis at the state level. Luminant has received determinations that most of our cooling water lakes are closed-cycle recirculating systems.

## *Radioactive Waste*

See Item 2. *Properties* for discussion of storage of used nuclear fuel.

## *Solid Waste*

Treatment, storage and disposal of solid waste and hazardous waste are regulated at the state level under the Texas Solid Waste Disposal Act and at the federal level under the Resource Conservation and Recovery Act of 1976, as amended, and the Toxic Substances Control Act. The EPA has issued regulations under the Resource Conservation and Recovery Act of 1976 and the Toxic Substances Control Act, and the TCEQ has issued regulations under the Texas Solid Waste Disposal Act applicable to our facilities. We believe we are in material compliance with all applicable solid waste rules and regulations. In addition, we have registered solid waste disposal sites and have obtained or applied for permits where required by such regulations.

## *Environmental Capital Expenditures*

Capital expenditures for our environmental projects totaled \$14 million in 2017 and are expected to total approximately \$17 million in 2018 for environmental control equipment to comply with regulatory requirements.

**Item 1A. RISK FACTORS**

Important factors, in addition to others specifically addressed in Item 7. *Management's Discussion and Analysis of Financial Condition and Results of Operations*, that could have a material adverse effect on the Merger and/or our business, results of operations, liquidity and financial condition, or could cause results or outcomes to differ materially from those contained in or implied by any forward-looking statement in this Annual Report, are described below. There may be further risks and uncertainties that are not currently known or that are not currently believed to be material that may adversely affect the Merger and/or our business, results of operations, liquidity, financial condition and prospects and the market price of our common stock in the future. The realization of any of these factors could cause investors in our common stock to lose all or a substantial portion of their investment.

**Risks Related to the Merger**

***The Merger is subject to a number of conditions which, if not satisfied or waived in a timely manner, would delay the Merger or adversely impact our ability to complete the Merger on the terms set forth in the Merger Agreement or at all.***

The completion of the Merger is subject to the satisfaction or waiver of a number of conditions. For example, before the Merger may be completed, both our stockholders and Dynegy stockholders must approve the Merger Proposal. In addition, various filings must be made with the FERC and certain other regulatory, antitrust and other authorities in the U.S., including the PUCT, the New York Public Service Commission (NYPSC), the U.S. Department of Justice (DOJ) and the Federal Trade Commission (FTC). These governmental authorities may impose conditions on the completion, or require changes to the terms of the Merger, including restrictions or conditions on the business, operations or financial performance of the combined company following completion of the Merger. These conditions or changes, including potential litigation brought in connection with the Merger, could have the effect of delaying completion of the Merger or imposing additional costs on or limiting the revenues of the combined company following the Merger, or could cause the combined company not to realize the anticipated benefits of the Merger, any of which could have a material adverse effect on the financial condition, results of operations and cash flows of the combined company and/or cause either Vistra Energy or Dynegy to abandon the Merger. These conditions or changes could also have the effect of causing the Merger to be consummated on terms different than those contemplated by the Merger Agreement or causing the Merger to fail to be consummated.

If we are unable to complete the Merger, we still will incur and will remain liable for significant transaction costs, including legal, accounting, filing, printing and other costs relating to the Merger. Also, depending upon the reasons for not completing the Merger, we may be required to pay Dynegy a termination fee of \$100 million or reimburse its expenses up to \$22 million. For more information on the termination fees and/or expenses potentially payable by the Company and Dynegy, see Note 2 to the Financial Statements. If such a termination fee is payable, the payment of this fee could have a material adverse effect on the financial condition, results of operations and cash flows of the Company.

***Failure to consummate the Merger as currently contemplated or at all could adversely affect the price of our common stock and our future business and financial results.***

The completion of the Merger is subject to the satisfaction or waiver of a number of conditions. We cannot guarantee when or if these conditions will be satisfied or that the Merger will be successfully completed. If the Merger is not consummated, or is consummated on different terms than as contemplated by the Merger Agreement, we could be adversely affected and subject to a variety of risks associated with the failure to consummate the Merger, or to consummate the Merger as contemplated by the Merger Agreement, including:

- our stockholders may be prevented from realizing the anticipated potential benefits of the Merger;
- the market price of our common stock could decline significantly;
- reputational harm due to the adverse public perception of any failure to successfully complete the Merger;
- under certain circumstances, we may be required to pay Dynegy a termination fee of up to \$100 million or reimburse its expenses up to \$22 million, and
- the attention of our management and employees may be diverted from their day-to-day business and operational matters and our relationships with our customers and suppliers may be disrupted as a result of efforts relating to attempting to consummate the Merger.

Any delay in the consummation of the Merger, any uncertainty about the consummation of the Merger on terms other than those contemplated by the Merger Agreement and any failure to consummate the Merger could adversely affect our business, financial results and common stock price.

***We will be subject to business uncertainties and contractual restrictions while the Merger is pending that could adversely affect our financial results.***

Uncertainty about the effect of the Merger on employees, customers and suppliers may have an adverse effect on our business. These uncertainties may impair our ability to attract, retain and motivate key personnel until the Merger is completed and for a period of time thereafter, and could cause customers, suppliers and others that deal with us to seek to change existing business relationships.

If, despite our retention and recruiting efforts, key employees depart or prospective employees fail to accept employment with us for any reason, including because of issues relating to the uncertainty and difficulty of integration or a desire not to remain with the combined company, our operations and financial results could be affected.

The pursuit of the Merger and the preparation for the integration of Dynegy may place a significant burden on management and internal resources. The diversion of management attention away from ongoing business concerns and any difficulties encountered in the transition and integration process could affect our business, and our financial condition, results of operations and cash flows.

In addition, we are restricted under the Merger Agreement, without obtaining Dynegy's consent, from taking other specified actions until the Merger occurs or the Merger Agreement terminates. These restrictions may prevent us from pursuing otherwise attractive business opportunities and making other changes to our business prior to completion of the Merger or termination of the Merger Agreement.

***Because the market prices of shares of common stock of the Company and Dynegy will fluctuate and the Exchange Ratio is fixed, the market value of the merger consideration at the date of the closing may vary significantly from the date the Merger Agreement was executed, the date of the joint proxy statement and prospectus and the dates of our special meeting and Dynegy's special meeting.***

Upon completion of the Merger, subject to certain exceptions, each outstanding share of Dynegy common stock will be converted into the right to receive 0.652 of a share of common stock of the Company. The number of shares of common stock of the Company to be issued pursuant to the Merger Agreement for each share of Dynegy common stock is fixed and will not change to reflect changes in the market price of common stock of the Company or Dynegy. Because the Exchange Ratio is fixed, the market value of the common stock of the Company issued in connection with the Merger and/or the Dynegy common stock surrendered in connection with the Merger may be significantly higher or lower than the values of those shares on the date the Merger Agreement was signed, the date of the joint proxy statement and prospectus, the dates of our special meeting and Dynegy's special meeting to consider the Merger Proposal or other earlier dates. Stock price changes may result from market assessment of the likelihood that the Merger will be completed, changes in the business, operations or prospects of the Company or Dynegy prior to or following the Merger, litigation or regulatory considerations, general business, market, industry or economic conditions and other factors both within and beyond the control of the Company and Dynegy. Neither the Company nor Dynegy is permitted to terminate the Merger Agreement because of changes in the market price of either company's common stock.

***The Merger Agreement contains provisions that limit the Company's ability to pursue alternatives to the Merger, which could discourage a potential competing acquirer of the Company from making a favorable alternative transaction proposal and, in certain circumstances, could require the Company to pay a termination fee to Dynegy.***

Under the Merger Agreement, the Company is restricted from entering into alternative transactions to the Merger. Unless and until the Merger Agreement is terminated, subject to specified exceptions, the Company is restricted from soliciting, initiating, seeking or knowingly encouraging or facilitating, or engaging in any discussions or negotiations with any person regarding, any alternative proposal or any inquiry, proposal or indication of interest that would reasonably be expected to lead to an alternative proposal. While our board of directors (Board) is permitted to change its recommendation to stockholders prior to the applicable special meeting under certain circumstances, namely if we are in receipt of an unsolicited superior proposal or a certain unforeseeable, material intervening event has occurred, before the Board changes its recommendation to stockholders, it must give Dynegy the opportunity to make a revised proposal. The Company may terminate the Merger Agreement and enter into an agreement with respect to an unsolicited superior proposal only if specified conditions have been satisfied, including compliance with the provisions of the Merger Agreement restricting solicitation of alternative proposals and requiring payment of a termination fee in certain circumstances. These provisions could discourage a third party that may have an interest in acquiring all or a significant part of the Company from considering or proposing such an acquisition, even if such third party were prepared to pay consideration with a higher per share cash or market value than the market value proposed to be received or realized in the Merger, or could result in a potential competing acquirer proposing to pay a lower price than it would otherwise have proposed to pay because of the added expense of the termination fee that may become payable in certain circumstances. As a result of these restrictions, the Company may not be able to enter into an agreement with respect to a more favorable alternative transaction without incurring potentially significant liabilities in respect of the Merger.

If the Merger Agreement is terminated because our Board changes its recommendation to stockholders or the Company enters into a definitive agreement for an unsolicited superior proposal, the Company will be required to pay Dynegy a termination fee of \$100 million. For more information on the termination fees and/or expenses potentially payable by the Company, see Note 2 to the Financial Statements. If such a termination fee is payable, the payment of this fee could have a material adverse effect on the financial condition, results of operations and cash flows of the Company.

***Common stock holders of the Company will have a reduced ownership and voting interest in the combined company after the Merger and will exercise less influence over management of the combined company.***

Upon completion of the Merger, continuing holders of common stock of the Company are expected to own 79% of the combined company's fully diluted equity. Stockholders of the Company currently have the right to vote for the Board and on other matters affecting the Company. When the Merger occurs, each Dynegy stockholder will receive 0.652 shares of common stock of the Company per share of Dynegy common stock, resulting in a percentage ownership of the combined company by each continuing holder of common stock of the Company that is smaller than the stockholder's percentage ownership of the Company prior to the Merger. As a result of these reduced ownership percentages, current stockholders of the Company may have less influence on the management and policies of the combined company than they now have with respect to the Company on a standalone basis.

***The Merger will result in changes to the board of directors that may affect the strategy and operations of the combined company.***

In connection with the consummation of the Merger, the board of directors of the combined company will consist of eleven members, which is expected to be comprised of all eight members of our Board and three members from the board of directors of Dynegy (provided such directors are willing to serve on the board of the combined company). This new composition of the board of directors may affect the combined company's business strategy and operating decisions following the completion of the Merger.

***If the Merger is not consummated by April 29, 2019, the Company or Dynegy may terminate the Merger Agreement in certain circumstances.***

Either the Company or Dynegy may terminate the Merger Agreement under certain circumstances, including, if the Merger has not been consummated by April 29, 2019, unless extended pursuant to the terms of the Merger Agreement. However, this termination right will not be available to a party if that party failed to perform or comply in all material respects with its obligations under the Merger Agreement and that failure was the principal cause of the failure to consummate the Merger by such date.

***An adverse judgment in any litigation challenging the Merger may prevent the Merger from becoming effective or from becoming effective within the expected timeframe.***

It is possible that our stockholders or Dynegy stockholders may file lawsuits challenging the Merger or the other transactions contemplated by the Merger Agreement, which may name the Company, our Board, Dynegy and/or the Dynegy board of directors as defendants. The outcome of such lawsuits cannot be assured, including the amount of costs associated with defending these claims or any other liabilities that may be incurred in connection with the litigation of these claims. If plaintiffs are successful in obtaining an injunction prohibiting the parties from completing the Merger on the agreed-upon terms, such an injunction may delay the consummation of the Merger in the expected timeframe, or may prevent the Merger from being consummated altogether. Whether or not any plaintiff's claim is successful, this type of litigation may result in significant costs and divert management's attention and resources, which could adversely affect the operation of our business.

***Following the Merger, the combined company may be unable to integrate our business and Dynegy's business successfully and realize the anticipated synergies and other expected benefits of the Merger on the anticipated timeframe or at all.***

The Merger involves the combination of two companies that currently operate as independent public companies. The combined company expects to benefit from certain cost savings and operating efficiencies, some of which will take time to realize. The combined company will be required to devote significant management attention and resources to the integration of our and Dynegy's business practices and operations. The potential difficulties the combined company may encounter in the integration process include the following:

- the inability to successfully combine our and Dynegy's businesses in a manner that permits the combined company to achieve the cost savings anticipated to result from the Merger, which would result in the anticipated benefits of the Merger not being realized in the timeframe currently anticipated or at all;
- the complexities associated with integrating personnel from the two companies;
- the complexities of combining two companies with different histories, geographic footprints and asset mixes;
- the complexities in combining two companies with separate technology systems;
- potential unknown liabilities and unforeseen increased expenses, delays or conditions associated with the Merger;
- failure to perform by third-party service providers who provide key services for the combined company, and
- performance shortfalls as a result of the diversion of management's attention caused by completing the Merger and integrating the companies' operations.

For all these reasons, it is possible that the integration process could result in the distraction of the combined company's management, the disruption of the combined company's ongoing business or inconsistencies in its operations, services, standards, controls, policies and procedures, any of which could adversely affect the combined company's ability to maintain relationships with operators, vendors and employees, to achieve the anticipated benefits of the Merger, or could otherwise materially and adversely affect its business and financial results.

***The Merger will combine two companies that are currently affected by developments in the electric utility industry, including changes in regulation and increased competition. A failure to adapt to the changing regulatory environment after the Merger could adversely affect the stability of the combined company's earnings and could result in the erosion of its market positions, revenues and profits.***

Because the Company, Dynegy and their respective subsidiaries are regulated in the U.S. at the federal level and in several states, the two companies have been and will continue to be affected by legislative and regulatory developments. After the Merger, the combined company and/or its subsidiaries will be subject in the U.S. to extensive federal regulation as well as to state regulation in the states in which the combined company will operate. The costs and burdens associated with complying with these regulatory jurisdictions may have a material adverse effect on the combined company. Moreover, potential legislative changes, regulatory changes or otherwise may create greater risks to the stability of the combined company's earnings generally. If the combined company is not responsive to these changes, it could suffer erosion in market position, revenues and profits as competitors gain access to its service territories.

***Certain directors and executive officers of the Company have interests in the Merger that are different from, or in addition to, those of other stockholders of the Company, which could have influenced their decisions to support or approve the Merger.***

Stockholders of the Company should recognize that certain directors and executive officers of the Company have interests in the Merger that differ from, or that are in addition to, their interests as stockholders of the Company. These interests include, among others, continued service as a director or an executive officer of the combined company, the accelerated vesting of certain equity awards and/or severance benefits as a result of termination of employment in connection with the Merger. These interests, among others, may influence the directors and executive officers of the Company to approve and/or recommend Merger-related proposals. Our Board was aware of and considered these interests at the time it approved the Merger Agreement.

***The combined company will have a significant amount of indebtedness. As a result, it may be more difficult for the combined company to pay or refinance its debts or take other actions, and the combined company may need to divert its cash flow from operations to debt service payments.***

The combined company will have significant indebtedness following completion of the Merger. In addition, subject to the limits contained in the documents governing such indebtedness, the combined company may be able to incur significant additional debt from time to time to finance working capital, capital expenditures, investments or acquisitions, or for other purposes. If the combined company does so, the risks related to its high level of debt could intensify. The amount of such indebtedness could have material adverse consequences for the combined company, including:

- hindering its ability to adjust to changing market, industry or economic conditions;
- limiting its ability to access the capital markets to raise additional equity or refinance maturing debt on favorable terms or to fund future working capital, capital expenditures, acquisitions or emerging businesses or other general corporate purposes;
- limiting the amount of free cash flow available for future operations, acquisitions, dividends, stock repurchases or other uses;
- making it more vulnerable to economic or industry downturns, including interest rate increases, and
- placing it at a competitive disadvantage compared to less leveraged competitors.

Moreover, to respond to competitive challenges, the combined company may be required to raise significant additional capital to execute its business strategy. The combined company's ability to arrange additional financing will depend on, among other factors, its financial position and performance, as well as prevailing market conditions and other factors beyond its control. Even if the combined company is able to obtain additional financing, its credit ratings could be adversely affected, which could raise its borrowing costs and limit its future access to capital and its ability to satisfy its obligations under its indebtedness.

***The terms of the credit agreements governing the combined company's two separate credit facilities will restrict its current and future operations, particularly the combined company's ability to respond to changes or to take certain actions.***

The combined company is expected to operate under two separate credit facilities, each with its own set of restrictive covenants. These restrictive covenants may limit the combined company's ability to engage in acts that may be in the combined company's long-term best interest, including restrictions on its ability to enter into intercompany business and financial transactions and arrangements, and therefore may prevent the combined company from fully realizing the potential benefits of the Merger. Additionally, the combined company's ability to comply with the financial and other covenants contained in its debt instruments may be affected by changes in economic or business conditions or other events beyond its control.

A breach of the covenants and restrictions under the credit agreements governing the combined company's credit facilities could result in an event of default under the applicable indebtedness. If the combined company experiences such a default, it may be required to take actions such as reducing or delaying capital expenditures, selling assets, restructuring or refinancing all or part of its existing debt, or seeking additional equity capital. The combined company may not be able to effect any such alternative measures, if necessary, on commercially reasonable terms or at all and, even if successful, those alternative actions may not allow the combined company to meet its scheduled debt service obligations. As a result of these restrictions, the combined company may be:

- limited in how it conducts its business;
- unable to raise additional debt or equity financing to operate during general economic or business downturns, or
- unable to compete effectively or take advantage of new business opportunities.



These restrictions may affect the combined company's ability to grow in accordance with its strategy. In addition, the combined company's financial results, its significant indebtedness and credit ratings could adversely affect the availability and terms of its financing.

***The combined company is expected to incur significant expenses related to the Merger and the integration of the Company and Dynegy.***

The combined company is expected to incur significant expenses in connection with the Merger and the integration of the Company and Dynegy. There are a large number of processes, policies, procedures, operations, technologies and systems at each company that must be integrated, including purchasing, accounting and finance, sales, payroll, pricing, revenue management, commercial operations, risk management, marketing and employee benefits. While the Company and Dynegy have assumed that a certain level of expenses would be incurred, there are many factors beyond their control that could affect the total amount or the timing of the integration expenses. Moreover, many of the expenses that will be incurred are, by their nature, difficult to estimate accurately. These expenses could, particularly in the near term, exceed the savings that the combined company expects to achieve from the elimination of duplicative expenses and the realization of economies of scale and cost savings. These integration expenses likely will result in the combined company taking significant charges against earnings following the completion of the Merger, and the amount and timing of such charges are uncertain at present.

### **Market, Financial and Economic Risks**

***Our revenues, results of operations and operating cash flows generally may be impacted by price fluctuations in the wholesale power and natural gas, coal and oil markets and other market factors beyond our control.***

We are not guaranteed any rate of return on capital investments in our businesses. We conduct integrated power generation and retail electricity activities, focusing on power generation, wholesale electricity sales and purchases, retail sales of electricity and services to end users and commodity risk management. Our wholesale and retail businesses are to some extent countercyclical in nature, particularly for the wholesale power and ancillary services supplied to the retail business. However, we do have a wholesale power position that exceeds the overall load requirements of our retail business and is subject to wholesale power price moves. As a result, our revenues, results of operations and operating cash flows depend in large part upon wholesale market prices for electricity, natural gas, uranium, lignite, coal, fuel and transportation in our regional market and other competitive markets and upon prevailing retail electricity rates, which may be impacted by, among other things, actions of regulatory authorities. Market prices for power, capacity, ancillary services, natural gas, coal and oil are unpredictable and may fluctuate substantially over relatively short periods of time. Unlike most other commodities, electric power can only be stored on a very limited basis and generally must be produced concurrently with its use. As a result, power prices are subject to significant volatility due to supply and demand imbalances, especially in the day-ahead and spot markets. Demand for electricity can fluctuate dramatically, creating periods of substantial under- or over-supply. Over-supply can also occur as a result of the construction of new power plants, as we have observed in recent years. During periods of over-supply, electricity prices might be depressed. Also, at times there may be political pressure, or pressure from regulatory authorities with jurisdiction over wholesale and retail energy commodity and transportation rates, to impose price limitations, bidding rules and other mechanisms to address volatility and other issues in these markets.

Some of the fuel for our generation facilities is purchased under short-term contracts. Fuel costs (including diesel, natural gas, lignite, coal and nuclear fuel) may be volatile, and the wholesale price for electricity may not change at the same rate as changes in fuel costs. In addition, we purchase and sell natural gas and other energy related commodities, and volatility in these markets may affect costs incurred in meeting obligations.

Volatility in market prices for fuel and electricity may result from, among other factors:

- volatility in commodity prices and the supply of commodities, including but not limited to natural gas, coal and oil;
- volatility in ERCOT market heat rates;
- volatility in coal and rail transportation prices;
- fuel transportation capacity constraints or inefficiencies;
- volatility in nuclear fuel and related enrichment and conversion services;
- severe or unexpected weather conditions, including drought and limitations on access to water;
- seasonality;
- changes in electricity and fuel usage resulting from conservation efforts, changes in technology or other factors;
- illiquidity in the wholesale electricity or other commodity markets;
- transmission or transportation disruptions, constraints, inoperability or inefficiencies, or other changes in power transmission infrastructure;



- development and availability of new fuels, new technologies and new forms of competition for the production and storage of power, including competitively priced alternative energy sources or storage;
- changes in market structure and liquidity;
- changes in the manner in which we operate our facilities, including curtailed operation due to market pricing, environmental regulations and legislation, safety or other factors;
- changes in generation efficiency;
- outages or otherwise reduced output from our generation facilities or those of our competitors;
- changes in electric capacity, including the addition of new supplies of power as a result of the development of new plants, expansion of existing plants, the continued operation of uneconomic power plants due to federal, state or local subsidies, or additional transmission capacity;
- our creditworthiness and liquidity and the willingness of fuel suppliers and transporters to do business with us;
- changes in the credit risk or payment practices of market participants;
- changes in production and storage levels of natural gas, lignite, coal, uranium, diesel and other refined products;
- natural disasters, wars, sabotage, terrorist acts, embargoes and other catastrophic events, and
- changes in law, including judicial decisions, federal, state and local energy, environmental and other regulation and legislation.

All of our generation facilities are currently located in the ERCOT market, a market with limited interconnections to other markets. The price of electricity in the ERCOT market is typically set by natural gas-fueled generation facilities, with wholesale electricity prices generally tracking increases or decreases in the price of natural gas. A substantial portion of our supply volumes in 2016 and 2017 were produced by our nuclear-, lignite- and coal-fueled generation assets. Natural gas prices have generally trended downward since mid-2008 (from \$11.12 per MMBtu in mid- 2008 to \$3.11 per MMBtu for the average settled price for the year ended December 31, 2017). Furthermore, in recent years, natural gas supply has outpaced demand primarily as a result of development and expansion of hydraulic fracturing in natural gas extraction, and the supply/demand imbalance has resulted in historically low natural gas prices. Because our baseload generating units and a substantial portion of our load following generating units are nuclear-, lignite- and coal-fueled, our results of operations and operating cash flows have been negatively impacted by the effect of low natural gas prices on wholesale electricity prices without a significant decrease in our operating cost inputs. Various industry experts expect this supply/demand imbalance to persist for a number of years, thereby depressing natural gas prices for a long-term period. As a result, the financial results from, and the value of, our generation assets could remain depressed or could materially decrease in the future unless natural gas prices rebound materially.

Wholesale electricity prices also track ERCOT market heat rates, which can be affected by a number of factors, including generation availability and the efficiency of the marginal supplier (generally natural gas-fueled generation facilities) in generating electricity. Our market heat rate exposure is impacted by changes in the availability of generating resources, such as additions and retirements of generation facilities, and the mix of generation assets in ERCOT. For example, increasing renewable (wind and solar) generation capacity generally depresses market heat rates. Additionally, construction of more efficient generation capacity also depresses market heat rates. Decreases in market heat rates decrease the value of all of our generation assets because lower market heat rates generally result in lower wholesale electricity prices. Even though market heat rates have generally increased over the past several years, wholesale electricity prices have declined due to the greater effect of falling natural gas prices. As a result, the financial results from, and the value of, our nuclear-, lignite- and coal-fueled generation assets could significantly decrease in profitability and value and our financial condition and results of operations may be negatively impacted if ERCOT market heat rates decline.

We recently announced the retirement of our Monticello, Sandow 4, Sandow 5 and Big Brown units. A sustained decrease in the financial results from, or the value of, our generation units ultimately could result in the retirement or idling of certain other generation units. In recent years, we have operated certain of our lignite- and coal-fueled generation assets only during parts of the year that have higher electricity demand and, therefore, higher related wholesale electricity prices.

***Our assets or positions cannot be fully hedged against changes in commodity prices and market heat rates, and hedging transactions may not work as planned or hedge counterparties may default on their obligations.***

Our hedging activities do not fully protect us against the risks associated with changes in commodity prices, most notably electricity and natural gas prices, because of the expected useful life of our generation assets and the size of our position relative to the duration of available markets for various hedging activities. Generally, commodity markets that we participate in to hedge our exposure to ERCOT electricity prices and heat rates have limited liquidity after two to three years. Further, our ability to hedge our revenues by utilizing cross-commodity hedging strategies with natural gas hedging instruments is generally limited to a duration of four to five years. To the extent we have unhedged positions, fluctuating commodity prices and/or market heat rates can materially impact our results of operations, cash flows, liquidity and financial condition, either favorably or unfavorably.

To manage our financial exposure related to commodity price fluctuations, we routinely enter into contracts to hedge portions of purchase and sale commitments, fuel requirements and inventories of natural gas, lignite, coal, diesel fuel, uranium and refined products, and other commodities, within established risk management guidelines. As part of this strategy, we routinely utilize fixed-price forward physical purchase and sale contracts, futures, financial swaps and option contracts traded in over-the-counter markets or on exchanges. Although we devote a considerable amount of time and effort to the establishment of risk management procedures, as well as the ongoing review of the implementation of these procedures, the procedures in place may not always function as planned and cannot eliminate all the risks associated with these activities. For example, we hedge the expected needs of our wholesale and retail customers, but unexpected changes due to weather, natural disasters, consumer behavior, market constraints or other factors could cause us to purchase electricity to meet unexpected demand in periods of high wholesale market prices or resell excess electricity into the wholesale market in periods of low prices. As a result of these and other factors, risk management decisions may have a material adverse effect on us.

Based on economic and other considerations, we may not be able to, or we may decide not to, hedge the entire exposure of our operations from commodity price risk. To the extent we do not hedge against commodity price risk and applicable commodity prices change in ways adverse to us, we could be materially and adversely affected. To the extent we do hedge against commodity price risk, those hedges may ultimately prove to be ineffective.

With the tightening of credit markets that began in 2008 and the expansion of regulatory oversight through various financial reforms, there has been a decline in the number of market participants in the wholesale energy commodities markets, resulting in less liquidity, particularly in the ERCOT electricity market. Notably, participation by financial institutions and other intermediaries (including investment banks) in such markets has declined. Extended declines in market liquidity could adversely affect our ability to hedge our financial exposure to desired levels.

To the extent we engage in hedging and risk management activities, we are exposed to the credit risk that counterparties that owe us money, energy or other commodities as a result of these activities will not perform their obligations to us. Should the counterparties to these arrangements fail to perform, we could be forced to enter into alternative hedging arrangements or honor the underlying commitment at then-current market prices. Additionally, our counterparties may seek bankruptcy protection under Chapter 11 or liquidation under Chapter 7 of the Bankruptcy Code. Our credit risk may be exacerbated to the extent collateral held by us cannot be realized or is liquidated at prices not sufficient to recover the full amount due to us. There can be no assurance that any such losses or impairments to the carrying value of our financial assets would not materially and adversely affect our financial condition, results of operations and cash flows. In such event, we could incur losses or forgo expected gains in addition to amounts, if any, already paid to the counterparties. ERCOT market participants are also exposed to risks that another ERCOT market participant may default on its obligations to pay ERCOT for electricity or services taken, in which case such costs, to the extent not offset by posted security and other protections available to ERCOT, may be allocated to various non-defaulting ERCOT market participants, including us.

***Our results of operations and financial condition could be materially and adversely affected if energy market participants continue to construct additional generation facilities (i.e., new-build) or expand or enhance existing generation facilities in ERCOT despite relatively low power prices in ERCOT and such additional generation capacity results in a reduction in wholesale power prices.***

Given the overall attractiveness of ERCOT and certain tax benefits associated with renewable energy, among other matters, energy market participants have continued to construct new generation facilities ( i.e. , new-build) or invest in enhancements or expansions of existing generation facilities in ERCOT despite relatively low wholesale power prices. If this market dynamic continues, our results of operations and financial condition could be materially and adversely affected if such additional generation capacity results in an over-supply of electricity in ERCOT that causes a reduction in wholesale power prices in ERCOT.

***Unauthorized hedging and related activities by our employees could result in significant losses.***

We have various internal policies, processes, and controls designed to monitor hedging activities and positions. These policies, processes, and controls are designed, in part, to prevent unauthorized purchases or sales of products by our employees or alert our risk management teams of any trades that have not been entered into our risk management systems. We cannot assure, however, that these steps will detect and prevent inaccurate reporting and all potential violations of our risk management policies, processes, and controls, particularly if deception or other intentional misconduct is involved. A significant policy violation that is not detected could result in a substantial financial loss.

***Our risk management policies cannot fully eliminate the risk associated with our commodity hedging activities.***

Our operations and other commodity hedging activities expose us to risks of commodity price movements. We attempt to manage this exposure through enforcement of established risk limits and risk management policies and procedures. These risk limits and risk management procedures may not work as planned and cannot eliminate all risks associated with these activities. As a result, we cannot fully predict the impact that our commodity hedging activities and risk management decisions may have on our business and/or financial condition, results of operations and cash flows.

***Economic downturns would likely have a material adverse effect on our businesses.***

Our results of operations may be negatively affected by sustained downturns or sluggishness in the economy, including low levels in the market prices for power, generation capacity and natural gas, which can fluctuate substantially. Increased unemployment of residential customers and decreased demand for products and services by commercial and industrial customers resulting from an economic downturn could lead to declines in the demand for energy and an increase in the number of uncollectible customer balances, which would negatively impact our overall sales and cash flows. Additionally, prolonged economic downturns that negatively impact our financial condition, results of operations and cash flows could result in future material impairment charges to write down the carrying value of certain assets to their respective fair values.

***Our liquidity needs could be difficult to satisfy, particularly during times of uncertainty in the financial markets or during times of significant fluctuation in commodity prices, and we may be unable to access capital on favorable terms or at all in the future, which could have a material adverse effect on us. We currently maintain non-investment grade credit ratings that could negatively affect our ability to access capital on favorable terms or result in higher collateral requirements, particularly if our credit ratings were to be downgraded in the future.***

Our businesses are capital intensive. In general, we rely on access to financial markets and credit facilities as a significant source of liquidity for our capital requirements and other obligations not satisfied by cash-on-hand or operating cash flows. The inability to raise capital or to access credit facilities, particularly on favorable terms, could adversely impact our liquidity and our ability to meet our obligations or sustain and grow our businesses and could increase capital costs and collateral requirements, any of which could have a material adverse effect on us.

Our access to capital and the cost and other terms of acquiring capital are dependent upon, and could be adversely impacted by, various factors, including:

- general economic and capital markets conditions, including changes in financial markets that reduce available liquidity or the ability to obtain or renew credit facilities on favorable terms or at all;
- conditions and economic weakness in the ERCOT or general U.S. power markets;
- regulatory developments;
- changes in interest rates;
- a deterioration, or perceived deterioration, of our creditworthiness, enterprise value or financial or operating results;
- a reduction in Vistra Energy's or its applicable subsidiaries' credit ratings;
- our level of indebtedness and compliance with covenants in our debt agreements;
- a deterioration of the creditworthiness or bankruptcy of one or more lenders or counterparties under our credit facilities that affects the ability of such lender(s) to make loans to us;
- security or collateral requirements;
- general credit availability from banks or other lenders for us and our industry peers;
- investor confidence in the industry and in us and the ERCOT wholesale electricity market;
- volatility in commodity prices that increases credit requirements;
- a material breakdown in our risk management procedures;
- the occurrence of changes in our businesses;
- disruptions, constraints, or inefficiencies in the continued reliable operation of our generation facilities, and
- changes in or the operation of provisions of tax and regulatory laws.

In addition, we currently maintain non-investment grade credit ratings. As a result, we may not be able to access capital on terms (financial or otherwise) as favorable as companies that maintain investment grade credit ratings or we may be unable to access capital at all at times when the credit markets tighten. In addition, our non-investment grade credit ratings may result in counterparties requesting collateral support (including cash or letters of credit) in order to enter into transactions with us.

A downgrade in long-term debt ratings generally causes borrowing costs to increase and the potential pool of investors to shrink, and could trigger liquidity demands pursuant to contractual arrangements. Future transactions by Vistra Energy or any of its subsidiaries, including the issuance of additional debt, could result in a temporary or permanent downgrade in our credit ratings.

***The Vistra Operations Credit Facilities impose restrictions on us and any failure to comply with these restrictions could have a material adverse effect on us.***

The Vistra Operations Credit Facilities contain restrictions that could adversely affect us by limiting our ability to plan for, or react to, market conditions or to meet our capital needs and could result in an event of default under the Vistra Operations Credit Facilities. The Vistra Operations Credit Facilities contain events of default customary for financings of this type. If we fail to comply with the covenants in the Vistra Operations Credit Facilities and are unable to obtain a waiver or amendment, or a default exists and is continuing, the lenders under such agreements could give notice and declare outstanding borrowings thereunder immediately due and payable. Any such acceleration of outstanding borrowings could have a material adverse effect on us.

***Certain of our obligations are required to be secured by letters of credit or cash, which increase our costs. If we are unable to provide such security, it may restrict our ability to conduct our business, which could have a material adverse effect on us.***

We undertake certain hedging and commodity activities and enter into certain financing arrangements with various counterparties that require cash collateral or the posting of letters of credit which are at risk of being drawn down in the event we default on our obligations. We currently use margin deposits, prepayments and letters of credit as credit support for commodity procurement and risk management activities. Future cash collateral requirements may increase based on the extent of our involvement in standard contracts and movements in commodity prices, and also based on our credit ratings and the general perception of creditworthiness in the markets in which we operate. In the case of commodity arrangements, the amount of such credit support that must be provided typically is based on the difference between the price of the commodity in a given contract and the market price of the commodity. Significant movements in market prices can result in our being required to provide cash collateral and letters of credit in very large amounts. The effectiveness of our strategy may be dependent on the amount of collateral available to enter into or maintain these contracts, and liquidity requirements may be greater than we anticipate or will be able to meet. Without a sufficient amount of working capital to post as collateral, we may not be able to manage price volatility effectively or to implement our strategy. An increase in the amount of letters of credit or cash collateral required to be provided to our counterparties may have a material adverse effect on us.

***We may not be able to complete future acquisitions or successfully integrate future acquisitions into our business, which could result in unanticipated expenses and losses.***

As part of our growth strategy, we have pursued acquisitions and may continue to do so. Our ability to continue to implement this component of our growth strategy will be limited by our ability to identify appropriate acquisition or joint venture candidates and our financial resources, including available cash and access to capital. Any expense incurred in completing acquisitions or entering into joint ventures, the time it takes to integrate an acquisition or our failure to integrate acquired businesses successfully could result in unanticipated expenses and losses. Furthermore, we may not be able to fully realize the anticipated benefits from any future acquisitions or joint ventures we may pursue. In addition, the process of integrating acquired operations into our existing operations may result in unforeseen operating difficulties and expenses and may require significant financial resources that would otherwise be available for the execution of our business strategy.

***Circumstances associated with potential divestitures could adversely affect our results of operations and financial condition.***

In evaluating our business and the strategic fit of our various assets, we may determine to sell one or more of such assets. Despite a decision to divest an asset, we may encounter difficulty in finding a buyer willing to purchase the asset at an acceptable price and on acceptable terms and in a timely manner. In addition, a prospective buyer may have difficulty obtaining financing. Divestitures could involve additional risks, including:

- difficulties in the separation of operations and personnel;
- the need to provide significant ongoing post-closing transition support to a buyer;
- management's attention may be temporarily diverted;
- the retention of certain current or future liabilities in order to induce a buyer to complete a divestiture;
- the obligation to indemnify or reimburse a buyer for certain past liabilities of a divested asset;
- the disruption of our business, and
- potential loss of key employees.

We may not be successful in managing these or any other significant risks that we may encounter in divesting any asset, which could adversely affect our results of operations and financial condition.

***Recent U.S. tax legislation may materially adversely affect Vistra Energy's financial condition, results of operations and cash flows.***

On December 22, 2017, President Trump signed into law a comprehensive tax reform bill (the TCJA), that significantly reforms the Internal Revenue Code. The TCJA, among other things, contains significant changes to corporate taxation, including a reduction of the corporate income tax rate, a partial limitation on the deductibility of business interest expense, limitation of the deduction for certain net operating losses to 80% of current year taxable income, an indefinite net operating loss carryforward, immediate deductions for certain new investments instead of deductions for depreciation expense over time and the modification or repeal of many business deductions and credits. While we expect a beneficial impact from the TCJA from the reduction in corporate tax rates and immediate deductions for certain new investments, we continue to examine the tax reform legislation, as its overall impact is uncertain, and note that certain provisions of the TCJA or its interaction with existing law could adversely affect the Company's business and financial condition. The impact of this tax reform legislation on our stockholders is also uncertain and could be adverse.

***We may be responsible for U.S. federal and state income tax liabilities that relate to the PrefCo Preferred Stock Sale and Spin-Off.***

Pursuant to the Tax Matters Agreement, the parties thereto have agreed to take certain actions and refrain from taking certain actions in order to preserve the intended tax treatment of the Spin-Off and to indemnify the other parties to the extent a breach of such covenant results in additional taxes to the other parties. If we breach such a covenant (or, in certain circumstances, if our stockholders or creditors of our Predecessor take or took certain actions that result in the intended tax treatment of the Spin-Off not to be preserved), we may be required to make substantial indemnification payments to the other parties to the Tax Matters Agreement.

The Tax Matters Agreement also allocates the responsibility for taxes for periods prior to the Spin-Off between EFH Corp. and us. For periods prior to the Spin-Off, (i) Vistra Energy is generally required to reimburse EFH Corp. with respect to any taxes paid by EFH Corp. that are attributable to us and (ii) EFH Corp. is generally required to reimburse us with respect to any taxes paid by us that are attributable to EFH Corp.

We are also required to indemnify EFH Corp. against certain taxes in the event the IRS or another taxing authority successfully challenges the amount of gain relating to the PrefCo Preferred Stock Sale or the amount or allowance of EFH Corp.'s net operating loss deductions.

Our indemnification obligations to EFH Corp. are not limited by any maximum amount. If we are required to indemnify EFH Corp. or such other persons under the circumstances set forth in the Tax Matters Agreement, we may be subject to substantial liabilities.

***We are required to pay the holders of TRA Rights for certain tax benefits, which amounts are expected to be substantial.***

On the Effective Date, we entered into the TRA with American Stock Transfer & Trust Company, LLC, as the transfer agent. Pursuant to the TRA, we issued beneficial interests in the rights to receive payments under the TRA (TRA Rights) to the first lien creditors of our Predecessor to be held in escrow for the benefit of the first lien creditors of our Predecessor entitled to receive such TRA Rights under the Plan of Reorganization. Our financial statements reflect a liability of \$357 million as of December 31, 2017 related to these future payment obligations (see Note 9 to the Financial Statements). This amount is based on certain assumptions as described more fully in the notes to the financial statements and the actual payments made under the TRA could be materially different than this estimate.

The TRA provides for the payment by us to the holders of TRA Rights of 85% of the amount of cash savings, if any, in U.S. federal, state and local income tax that we and our subsidiaries actually realize as a result of our use of (a) the tax basis step up attributable to the PrefCo Preferred Stock Sale, (b) the entire tax basis of the assets acquired as a result of the purchase and sale agreement, dated as of November 25, 2015 by and between La Frontera Ventures, LLC and Luminant, and (c) tax benefits related to imputed interest deemed to be paid by us as a result of payments under the TRA. The amount and timing of any payments under the TRA will vary depending upon a number of factors, including the amount and timing of the taxable income we generate in the future and the tax rate then applicable, our use of loss carryovers and the portion of our payments under the TRA constituting imputed interest.

Although we are not aware of any issue that would cause the IRS to challenge the tax benefits that are the subject of the TRA, recipients of the payments under the TRA will not be required to reimburse us for any payments previously made if such tax benefits are subsequently disallowed. As a result, in such circumstances, Vistra Energy could make payments under the TRA that are greater than its actual cash tax savings. Any amount of excess payment can be used to reduce future TRA payments, but cannot be immediately recouped, which could adversely affect our liquidity.

Because Vistra Energy is a holding company with no operations of its own, its ability to make payments under the TRA is dependent on the ability of its subsidiaries to make distributions to it. To the extent that Vistra Energy is unable to make payments under the TRA because of the inability of its subsidiaries to make distributions to us for any reason, such payments will be deferred and will accrue interest until paid, which could adversely affect our results of operations and could also affect our liquidity in periods in which such payments are made.

The payments we will be required to make under the TRA could be substantial.

***We may be required to make an early termination payment to the holders of TRA Rights under the TRA.***

The TRA provides that, in the event that Vistra Energy breaches any of its material obligations under the TRA, or upon certain mergers, asset sales, or other forms of business combination or certain other changes of control, the transfer agent under the TRA may treat such event as an early termination of the TRA, in which case Vistra Energy would be required to make an immediate payment to the holders of the TRA Rights equal to the present value (at a discount rate equal to LIBOR plus 100 basis points) of the anticipated future tax benefits based on certain valuation assumptions.

As a result, upon any such breach or change of control, we could be required to make a lump sum payment under the TRA before we realize any actual cash tax savings and such lump sum payment could be greater than our future actual cash tax savings.

The aggregate amount of these accelerated payments could be materially more than our estimated liability for payments made under the TRA set forth in our financial statements. Based on this estimation, our obligations under the TRA could have a substantial negative impact on our liquidity.

***We are potentially liable for U.S. income taxes of the entire EFH Corp. consolidated group for all taxable years in which we were a member of such group.***

Prior to the Spin-Off, EFH Corporate Services Company, EFH Properties Company and certain other subsidiary corporations were included in the consolidated U.S. federal income tax group of which EFH Corp. was the common parent (EFH Corp. Consolidated Group). In addition, pursuant to the private letter ruling from the IRS that we received in connection with the Spin-Off, Vistra Energy will be considered a member of the EFH Corp. Consolidated Group immediately prior to the Spin-Off. Under U.S. federal income tax laws, any corporation that is a member of a consolidated group at any time during a taxable year is severally liable for the group's entire federal income tax liability for the entire taxable year. In addition, entities that are disregarded for U.S. federal income tax purposes may be liable as successors under common law theories or under certain regulations to the extent corporations transferred assets to such entities or merged or otherwise consolidated into such entities, whether under state law or purely as a matter of federal income tax law. Thus, notwithstanding any contractual rights to be reimbursed or indemnified by EFH Corp. pursuant to the Tax Matters Agreement, to the extent EFH Corp. or other members of the EFH Corp. Consolidated Group fail to make any U.S. federal income tax payments required of them by law in respect of taxable years for which the Company or any subsidiary noted above was a member of the EFH Corp. Consolidated Group, the Company or such subsidiary may be liable for the shortfall. At such time, we may not have sufficient cash on hand to satisfy such payment obligation.

***Our ability to claim a portion of depreciation deductions may be limited for a period of time.***

Under the Internal Revenue Code of 1986, as amended, a corporation's ability to utilize certain tax attributes, including depreciation, may be limited following an ownership change if the corporation's overall asset tax basis exceeds the overall fair market value of its assets (after making certain adjustments). The Spin-Off resulted in an ownership change for the Company and it is expected that the overall tax basis of our assets may have exceeded the overall fair market value of our assets at such time. As a result, there may be a limitation on our ability to claim a portion of our depreciation deductions for a five-year period. This limitation could have a material impact on our tax liabilities and on our obligations under the TRA Rights. In addition, any future ownership change of Vistra Energy following Emergence could likewise result in additional limitations on our ability to use certain tax attributes existing at the time of any such ownership change and have an impact on our tax liabilities and on our obligations under the TRA.

**Regulatory and Legislative Risks**

***Our businesses are subject to ongoing complex governmental regulations and legislation that have impacted, and may in the future impact, our businesses, results of operations, liquidity and financial condition.***

Our businesses operate in changing market environments influenced by various state and federal legislative and regulatory initiatives regarding the restructuring of the energy industry, including competition in power generation and sale of electricity. Although we attempt to comply with changing legislative and regulatory requirements, there is a risk that we will fail to adapt to any such changes successfully or on a timely basis.

Our businesses are subject to numerous state and federal laws (including PURA, the Federal Power Act, the Atomic Energy Act, the Public Utility Regulatory Policies Act of 1978, the Clean Air Act (CAA), the Energy Policy Act of 2005 and the Dodd-Frank Wall Street Reform and Consumer Protection Act), changing governmental policy and regulatory actions (including those of the PUCT, the NERC, the TRE, the RCT, the TCEQ, the FERC, the MSHA, the EPA, the NRC and CFTC) and the rules, guidelines and protocols of ERCOT with respect to various matters, including, but not limited to, market structure and design, operation of nuclear generation facilities, construction and operation of other generation facilities, development, operation and reclamation of lignite mines, recovery of costs and investments, decommissioning costs, market behavior rules, present or prospective wholesale and retail competition and environmental matters. We, along with other market participants, are subject to electricity pricing constraints and market behavior and other competition-related rules and regulations under PURA that are administered by the PUCT and ERCOT. Changes in, revisions to, or reinterpretations of, existing laws and regulations may have a material adverse effect on us. Further, in the future we could expand our business, through acquisitions or otherwise, to geographic areas outside of Texas and the ERCOT market (e.g. such as through the Merger). Such expansion would subject us to additional state regulatory requirements that could have material adverse effect on us.

The Texas Legislature meets every two years. The next regular legislative session is scheduled to begin in January 2019. However, at any time the governor of Texas may convene a special session of the legislature. During any regular or special session, bills may be introduced that, if adopted, could materially and adversely affect our businesses, results of operations, liquidity and financial condition.



***We are required to obtain, and to comply with, government permits and approvals.***

We are required to obtain, and to comply with, numerous permits and licenses from federal, state and local governmental agencies. The process of obtaining and renewing necessary permits and licenses can be lengthy and complex and can sometimes result in the establishment of conditions that make the project or activity for which the permit or license was sought unprofitable or otherwise unattractive. In addition, such permits or licenses may be subject to denial, revocation or modification under various circumstances. Failure to obtain or comply with the conditions of permits or licenses, or failure to comply with applicable laws or regulations, may result in the delay or temporary suspension of our operations and electricity sales or the curtailment of our delivery of electricity to our customers and may subject us to penalties and other sanctions. Although various regulators routinely renew existing permits and licenses, renewal of our existing permits or licenses could be denied or jeopardized by various factors, including (a) failure to provide adequate financial assurance for closure, (b) failure to comply with environmental, health and safety laws and regulations or permit conditions, (c) local community, political or other opposition and (d) executive, legislative or regulatory action.

Our inability to procure and comply with the permits and licenses required for our operations, or the cost to us of such procurement or compliance, could have a material adverse effect on us. In addition, new environmental legislation or regulations, if enacted, or changed interpretations of existing laws, may cause routine maintenance activities at our facilities to need to be changed in order to avoid violating applicable laws and regulations or elicit claims that historical routine maintenance activities at our facilities violated applicable laws and regulations. In addition to the possible imposition of fines in the case of any such violations, we may be required to undertake significant capital investments in emissions control technology and obtain additional operating permits or licenses, which could have a material adverse effect on us.

***Our cost of compliance with existing and new environmental laws could have a material adverse effect on us.***

We are subject to extensive environmental regulation by governmental authorities, including the EPA and the TCEQ. We may incur significant additional costs beyond those currently contemplated to comply with these regulatory requirements. If we fail to comply with these regulatory requirements, we could be subject to administrative, civil or criminal liabilities and fines. Existing environmental regulations could be revised or reinterpreted, new laws and regulations could be adopted or become applicable to us or our facilities, and future changes in environmental laws and regulations could occur, including potential regulatory and enforcement developments related to air emissions, all of which could result in significant additional costs beyond those currently contemplated to comply with existing requirements. Any of the foregoing could have a material adverse effect on us.

The EPA has recently finalized or proposed several regulatory actions establishing new requirements for control of certain emissions from sources, including electricity generation facilities. In the future, the EPA may also propose and finalize additional regulatory actions that may adversely affect our existing generation facilities or our ability to cost-effectively develop new generation facilities. There is no assurance that the currently installed emissions control equipment at our lignite, coal and/or natural gas-fueled generation facilities will satisfy the requirements under any future EPA or TCEQ regulations. Some of the recent regulatory actions and proposed actions, such as the EPA's Regional Haze Federal Implementation Plans (FIP) for reasonable progress and best available retrofit technology (BART), could require us to install significant additional control equipment, resulting in potentially material costs of compliance for our generation units, including capital expenditures, higher operating and fuel costs and potential production curtailments if the rules take effect as proposed or finalized. These costs could have a material adverse effect on us.

We may not be able to obtain or maintain all required environmental regulatory approvals. If there is a delay in obtaining any required environmental regulatory approvals, if we fail to obtain, maintain or comply with any such approval or if an approval is retroactively disallowed or adversely modified, the operation of our generation facilities could be stopped, disrupted, curtailed or modified or become subject to additional costs. Any such stoppage, disruption, curtailment, modification or additional costs could have a material adverse effect on us.

In addition, we may be responsible for any on-site liabilities associated with the environmental condition of facilities that we have acquired, leased or developed, regardless of when the liabilities arose and whether they are now known or unknown. In connection with certain acquisitions and sales of assets, we may obtain, or be required to provide, indemnification against certain environmental liabilities. Another party could, depending on the circumstances, assert an environmental claim against us or fail to meet its indemnification obligations to us.



***We could be materially and adversely affected if current regulations are implemented or if new federal or state legislation or regulations are adopted to address global climate change, or if we are subject to lawsuits for alleged damage to persons or property resulting from greenhouse gas emissions.***

There is a concern nationally and internationally about global climate change and how GHG emissions, such as CO<sub>2</sub>, contribute to global climate change. Over the last several years, the U.S. Congress has considered and debated, and President Obama's administration previously discussed, several proposals intended to address climate change using different approaches, including a cap on carbon emissions with emitters allowed to trade unused emission allowances (cap-and-trade), a tax on carbon or GHG emissions, incentives for the development of low-carbon technology and federal renewable portfolio standards. In October 2015, the EPA finalized regulations under the CAA to limit CO<sub>2</sub> emissions from existing generating units, referred to as the Clean Power Plan. If implemented as finalized, the Clean Power Plan would require the closure of a significant number of coal-fueled electric generating units nationwide and in Texas. The Clean Power Plan is currently stayed pending the conclusion of legal challenges on the rule. In October 2017, the EPA proposed the repeal of the Clean Power Plan. In addition, a number of federal court cases have been filed in recent years asserting damage claims related to GHG emissions, and the results in those proceedings could establish adverse precedent that might apply to companies (including us) that produce GHG emissions. We could be materially and adversely affected if new federal and/or state legislation or regulations are adopted to address global climate change, if the Clean Power Plan is implemented as finalized or if we are subject to lawsuits for alleged damage to persons or property resulting from GHG emissions.

***The availability and cost of emission allowances could adversely impact our costs of operations.***

We are required to maintain, through either allocations or purchases, sufficient emission allowances for SO<sub>2</sub> and NO<sub>x</sub> to support our operations in the ordinary course of operating our power generation facilities. These allowances are used to meet the obligations imposed on us by various applicable environmental laws. If our operational needs require more than our allocated allowances, we may be forced to purchase such allowances on the open market, which could be costly. If we are unable to maintain sufficient emission allowances to match our operational needs, we may have to curtail our operations so as not to exceed our available emission allowances, or install costly new emission controls. As we use the emission allowances that we have purchased on the open market, costs associated with such purchases will be recognized as operating expense. If such allowances are available for purchase, but only at significantly higher prices, the purchase of such allowances could materially increase our costs of operations in the affected markets.

***Luminant's mining operations are subject to RCT oversight.***

We currently own and operate, or are in the process of reclamation, through Luminant 12 surface lignite coal mines in Texas to provide fuel for our electricity generation facilities. The RCT, which exercises broad authority to regulate reclamation activity, reviews on an ongoing basis whether Luminant is compliant with RCT rules and regulations and whether it has met all of the requirements of its mining permits. Any new rules and regulations adopted by the RCT or the Department of Interior Office of Surface Mining, which also regulates mining activity nationwide, or any changes in the interpretation of existing rules and regulations, could result in higher compliance costs or otherwise adversely affect our financial condition or cause a revocation of a mining permit. Any revocation of a mining permit would mean that Luminant would no longer be allowed to mine lignite at the applicable mine to serve its generation facilities. In addition, Luminant's mining reclamation obligations are secured by a first lien on its assets which is pari passu with the Vistra Operations Credit Facilities, but which would be paid first, up to \$975 million, upon any liquidation of Vistra Operations Company LLC's assets. The RCT could, at any time, require that Luminant's mining reclamation obligations be secured by cash or letters of credit in lieu of such first lien. Any failure to provide any such cash or letter of credit collateral could result in Luminant no longer being able to mine lignite. Any such event could have a material adverse effect on us.

***Luminant's lignite mining reclamation activity will require significant resources as existing and retired mining operations are reclaimed over the next several years.***

In conjunction with Luminant's recent announcements to retire several power generation assets and related mining operations, along with the continuous reclamation activity at its continuing mining operations for its mines related to the Oak Grove and Martin Lake generation assets, Luminant is expected to spend a significant amount of money, internal resources and time to complete the required reclamation activities. For the next five years, Vistra Energy is projected to spend approximately \$350 million (on a nominal basis) to achieve its reclamation objectives.

***Litigation, legal proceedings, regulatory investigations or other administrative proceedings could expose us to significant liabilities and reputation damage that could have a material adverse effect on us.***

We are involved in the ordinary course of business in a number of lawsuits involving, among other matters, employment, commercial, and environmental issues, and other claims for injuries and damages. We evaluate litigation claims and legal proceedings to assess the likelihood of unfavorable outcomes and to estimate, if possible, the amount of potential losses. Based on these evaluations and estimates, when required by applicable accounting rules, we establish reserves and disclose the relevant litigation claims or legal proceedings, as appropriate. These evaluations and estimates are based on the information available to management at the time and involve a significant amount of judgment. Actual outcomes or losses may differ materially from current evaluations and estimates. The settlement or resolution of such claims or proceedings may have a material adverse effect on us. We use appropriate means to contest litigation threatened or filed against us, but the litigation environment poses a significant business risk.

We are also involved in the ordinary course of business in regulatory investigations and other administrative proceedings, and we are exposed to the risk that we may become the subject of additional regulatory investigations or administrative proceedings. While we cannot predict the outcome of any regulatory investigation or administrative proceeding, any such regulatory investigation or administrative proceeding could result in us incurring material penalties and/or other costs and have a materially adverse effect on us.

***The REP certification of our retail operation is subject to PUCT review.***

The PUCT may at any time initiate an investigation into whether our retail operation complies with certain PUCT rules and whether we have met all of the requirements for REP certification, including financial requirements. Any removal or revocation of a REP certification would mean that we would no longer be allowed to provide electricity service to retail customers. Such decertification could have a material adverse effect on us. Moreover, any capital or other expenditures that we are required by the PUCT to undertake in order to achieve or maintain any such compliance could also have a material adverse effect on us.

### **Operational Risks**

***Our retail operations are subject to significant competition from other REPs, which could result in a loss of existing customers and the inability to attract new customers.***

We operate in a very competitive retail market and, as a result, our retail operation faces significant competition for customers. We believe our TXU Energy<sup>™</sup> brand is viewed favorably in the retail electricity markets in which we operate, but despite our commitment to providing superior customer service and innovative products, customer sentiment toward our brand, including by comparison to our competitors' brands, depends on certain factors beyond our control. For example, competitor REPs may offer different products, lower electricity prices and other incentives, which, despite our long-standing relationship with many customers, may attract customers away from us. If we are unable to successfully compete with competitors in the retail market it is possible our retail customer counts could decline, which could have a material adverse effect on us.

As we try to grow our retail business and operate our business strategy, we compete with various other REPs that may have certain advantages over us. For example, in new markets, our principal competitor for new customers may be the incumbent REP, which has the advantage of long-standing relationships with its customers, including well-known brand recognition. In addition to competition from the incumbent REP, we may face competition from a number of other energy service providers, other energy industry participants, or nationally branded providers of consumer products and services who may develop businesses that will compete with us. Some of these competitors or potential competitors may be larger than we are or have greater resources or access to capital than we have. If there is inadequate potential margin in retail electricity markets with substantial competition to overcome the adverse effect of relatively high customer acquisition costs in such markets, it may not be profitable for us to compete in these markets.

***Our retail operations rely on the infrastructure of local utilities or independent transmission system operators to provide electricity to, and to obtain information about, our customers. Any infrastructure failure could negatively impact customer satisfaction and could have a material adverse effect on us.***

Our retail operations depend on transmission and distribution facilities owned and operated by unaffiliated utilities to deliver the electricity that we sell to our customers. If transmission capacity is inadequate, our ability to sell and deliver electricity may be hindered and we may have to forgo sales or buy more expensive wholesale electricity than is available in the capacity-constrained area. For example, during some periods, transmission access is constrained in some areas of the Dallas-Fort Worth metroplex, where we have a significant number of customers. The cost to provide service to these customers may exceed the cost to provide service to other customers, resulting in lower operating margins. In addition, any infrastructure failure that interrupts or impairs delivery of electricity to our customers could negatively impact customer satisfaction with our service. Any of the foregoing could have a material adverse effect on us.

***We may suffer material losses, costs and liabilities due to ownership and operation of the Comanche Peak nuclear generation facility.***

We own and operate a nuclear generation facility in Glen Rose, Texas (Comanche Peak Facility). The ownership and operation of a nuclear generation facility involves certain risks. These risks include:

- unscheduled outages or unexpected costs due to equipment, mechanical, structural, cyber security or other problems;
- inadequacy or lapses in maintenance protocols;
- the impairment of reactor operation and safety systems due to human error or force majeure;
- the costs of, and liabilities relating to, storage, handling, treatment, transport, release, use and disposal of radioactive materials;
- the costs of procuring nuclear fuel;
- the costs of storing and maintaining spent nuclear fuel at our on-site dry cask storage facility;
- terrorist or cyber security attacks and the cost to protect against any such attack;
- the impact of a natural disaster;
- limitations on the amounts and types of insurance coverage commercially available, and
- uncertainties with respect to the technological and financial aspects of modifying or decommissioning nuclear facilities at the end of their useful lives.

Any prolonged unavailability of the Comanche Peak Facility could have a material adverse effect on our results of operation, cash flows, financial position and reputation. The following are among the more significant related risks:

- **Operational Risk** — Operations at any generation facility could degrade to the point where the facility would have to be shut down. If such degradations were to occur at the Comanche Peak Facility, the process of identifying and correcting the causes of the operational downgrade to return the facility to operation could require significant time and expense, resulting in both lost revenue and increased fuel and purchased power expense to meet supply commitments. Furthermore, a shut-down or failure at any other nuclear generation facility could cause regulators to require a shut-down or reduced availability at the Comanche Peak Facility.
- **Regulatory Risk** — The NRC may modify, suspend or revoke licenses and impose civil penalties for failure to comply with the Atomic Energy Act, the regulations under it or the terms of the licenses of nuclear generation facilities. Unless extended, as to which no assurance can be given, the NRC operating licenses for the two licensed operating units at the Comanche Peak Facility will expire in 2030 and 2033, respectively. Changes in regulations by the NRC, as well as any extension of our operating licenses, could require a substantial increase in capital expenditures or result in increased operating or decommissioning costs.
- **Nuclear Accident Risk** — Although the safety record of the Comanche Peak Facility and other nuclear generation facilities generally has been very good, accidents and other unforeseen problems have occurred both in the U.S. and elsewhere. The consequences of an accident can be severe and include loss of life, injury, lasting negative health impacts and property damage. Any accident, or perceived accident, could result in significant liabilities and damage our reputation. Any such resulting liability from a nuclear accident could exceed our resources, including insurance coverage, and could ultimately result in the suspension or termination of power generation from the Comanche Peak Facility.

***The operation and maintenance of power generation facilities and related mining operations involve significant risks that could adversely affect our results of operations, liquidity and financial condition.***

The operation and maintenance of power generation facilities and related mining operations involve many risks, including, as applicable, start-up risks, breakdown or failure of facilities, equipment or processes, operator error, lack of sufficient capital to maintain the facilities, the dependence on a specific fuel source, the inability to transport our product to our customers in an efficient manner due to the lack of transmission capacity or the impact of unusual or adverse weather conditions or other natural events, or terrorist attacks, as well as the risk of performance below expected levels of output, efficiency or reliability, the occurrence of any of which could result in substantial lost revenues and/or increased expenses. A significant number of our facilities were constructed many years ago. In particular, older generating equipment, even if maintained or refurbished in accordance with good engineering practices, may require significant capital expenditures to operate at peak efficiency or reliability. The risk of increased maintenance and capital expenditures arises from (a) increased starting and stopping of generation equipment due to the volatility of the competitive generation market and the prospect of continuing low wholesale electricity prices that may not justify sustained or year-round operation of all our generation facilities, (b) any unexpected failure to generate power, including failure caused by equipment breakdown or unplanned outage (whether by order of applicable governmental regulatory authorities, the impact of weather events or natural disasters or otherwise), (c) damage to facilities due to storms, natural disasters, wars, terrorist or cyber/data security acts and other catastrophic events and (d) the passage of time and normal wear and tear. Further, our ability to successfully and timely complete routine maintenance or other capital projects at our existing facilities is contingent upon many variables and subject to substantial risks. Should any such efforts be unsuccessful, we could be subject to additional costs or losses and write downs of our investment in the project.

We cannot be certain of the level of capital expenditures that will be required due to changing environmental and safety laws and regulations (including changes in the interpretation or enforcement thereof), needed facility repairs and unexpected events (such as natural disasters or terrorist or cyber/data security attacks). The unexpected requirement of large capital expenditures could have a material adverse effect on us. Moreover, if we significantly modify a unit, we may be required to install the best available control technology or to achieve the lowest achievable emission rates as such terms are defined under the new source review provisions of the CAA, which would likely result in substantial additional capital expenditures.

In addition, unplanned outages at any of our generation facilities, whether because of equipment breakdown or otherwise, typically increase our operation and maintenance expenses and may reduce our revenues as a result of selling fewer MWh or non-performance penalties or require us to incur significant costs as a result of running one of our higher cost units or to procure replacement power at spot market prices in order to fulfill contractual commitments. If we do not have adequate liquidity to meet margin and collateral requirements, we may be exposed to significant losses, may miss significant opportunities and may have increased exposure to the volatility of spot markets, which could have a material adverse effect on us. Further, our inability to operate our generation facilities efficiently, manage capital expenditures and costs, and generate earnings and cash flow from our asset-based businesses could have a material adverse effect on our results of operations, financial condition or cash flows. While we maintain insurance, obtain warranties from vendors and obligate contractors to meet certain performance levels, the proceeds of such insurance, warranties or performance guarantees may not be adequate to cover our lost revenues, increased expenses or liquidated damages payments should we experience equipment breakdown or non-performance by contractors or vendors.

***Operation of power generation facilities involves significant risks and hazards customary to the power industry that could have a material adverse effect on Vistra Energy's revenues and results of operations, and Vistra Energy may not have adequate insurance to cover these risks and hazards. Our employees, contractors, customers and the general public may be exposed to a risk of injury due to the nature of our operations.***

Power generation involves hazardous activities, including acquiring, transporting and unloading fuel, operating large pieces of equipment and delivering electricity to transmission and distribution systems. In addition to natural risks such as earthquake, flood, lightning, hurricane and wind, other hazards, such as nuclear accidents, dam failure, gas or other explosions, mine area collapses, fire, structural collapse, machinery failure and other dangerous incidents are inherent risks in our operations. These and other hazards can cause significant personal injury or loss of life, severe damage to and destruction of property, plant and equipment, contamination of, or damage to, the environment and suspension of operations. Further, our employees and contractors work in, and customers and the general public may be exposed to, potentially dangerous environments at or near our operations. As a result, employees, contractors, customers and the general public are at risk for serious injury, including loss of life.

The occurrence of any one of these events may result in us being named as a defendant in lawsuits asserting claims for substantial damages, including for environmental cleanup costs, personal injury and property damage and fines and/or penalties. We maintain an amount of insurance protection that we consider adequate, but we cannot provide any assurance that our insurance will be sufficient or effective under all circumstances and against all hazards or liabilities to which we may be subject and, even if we do have insurance coverage for a particular circumstance, we may be subject to a large deductible and maximum cap. A successful claim for which we are not fully insured could hurt our financial results and materially harm our financial condition. Further, due to rising insurance costs and changes in the insurance markets, we cannot provide any assurance that our insurance coverage will continue to be available at all or at rates or on terms similar to those presently available. Any losses not covered by insurance could have a material adverse effect on our financial condition, results of operations or cash flows.

***We may be materially and adversely affected by the effects of extreme weather conditions and seasonality.***

We may be materially affected by weather conditions and our businesses may fluctuate substantially on a seasonal basis as the weather changes. In addition, we could be subject to the effects of extreme weather conditions, including sustained cold or hot temperatures, hurricanes, storms or other natural disasters, which could stress our generation facilities and result in outages, destroy our assets and result in casualty losses that are not ultimately offset by insurance proceeds, and could require increased capital expenditures or maintenance costs, including supply chain costs.

Moreover, an extreme weather event could cause disruption in service to customers due to downed wires and poles or damage to other operating equipment, which could result in us foregoing sales of electricity and lost revenue. Similarly, an extreme weather event might affect the availability of generation and transmission capacity, limiting our ability to source or deliver power where it is needed or limit our ability to source fuel for our plants (including due to damage to rail or natural gas pipeline infrastructure). Additionally, extreme weather may result in unexpected increases in customer load, requiring our retail operation to procure additional electricity supplies at wholesale prices in excess of customer sales prices for electricity. These conditions, which cannot be reliably predicted, could have adverse consequences by requiring us to seek additional sources of electricity when wholesale market prices are high or to sell excess electricity when market prices are low, which could have a material adverse effect on us.

***We may be materially and adversely affected by insufficient water supplies.***

Supplies of water are important for our generation facilities. Water in Texas is limited and various parties have made conflicting claims regarding the right to access and use such limited supplies of water. In addition, in the recent past Texas has experienced sustained drought conditions that illustrate the effect such conditions may have on the water supply for certain of our generation facilities if adequate rain does not fall in the watersheds that supply our electric generating units. If we are unable to access sufficient supplies of water, it could prevent, restrict or increase the cost of operations at certain of our generation facilities, which could have a material adverse effect on us.

***Changes in technology or increased electricity conservation efforts may reduce the value of our generation facilities and may otherwise have a material adverse effect on us.***

Technological advances have improved, and are likely to continue to improve, for existing and alternative methods to produce and store power, including gas turbines, wind turbines, fuel cells, micro turbines, photovoltaic (solar) cells, batteries and concentrated solar thermal devices, along with improvements in traditional technologies. Such technological advances have reduced, and are expected to continue to reduce, the costs of power production or storage to a level that will enable these technologies to compete effectively with traditional generation facilities. Consequently, the value of our more traditional generation assets could be significantly reduced as a result of these competitive advances, which could have a material adverse effect on us. In addition, changes in technology have altered, and are expected to continue to alter, the channels through which retail customers buy electricity ( *i.e.* , self-generation or distributed-generation facilities). To the extent self-generation facilities become a more cost-effective option for ERCOT customers, our financial condition, operating cash flows and results of operations could be materially and adversely affected.

Technological advances in demand-side management and increased conservation efforts have resulted, and are expected to continue to result, in a decrease in electricity demand. A significant decrease in electricity demand in ERCOT as a result of such efforts would significantly reduce the value of our generation assets. Certain regulatory and legislative bodies have introduced or are considering requirements and/or incentives to reduce power consumption. Effective power conservation by our customers could result in reduced electricity demand or significantly slow the growth in such demand. Any such reduction in demand could have a material adverse effect on us. Furthermore, we may incur increased capital expenditures if we are required to increase investment in conservation measures.

***The operation of our businesses is subject to cyber-based security and integrity risk. Attacks on our infrastructure that breach cyber/data security measures could expose us to significant liabilities and reputation damage and disrupt business operations, which could have a material adverse effect on us.***

Numerous functions affecting the efficient operation of our businesses are dependent on the secure and reliable storage, processing and communication of electronic data and the use of sophisticated computer hardware and software systems and much of our information technology infrastructure is connected (directly or indirectly) to the internet. There have been numerous attacks on government and industry information technology systems through the internet that have resulted in material operational, reputation and/or financial costs. While we have controls in place designed to protect our infrastructure and we are not aware of any significant breaches in the past, a breach of cyber/data security measures that impairs our information technology infrastructure could disrupt normal business operations and affect our ability to control our generation assets, access retail customer information and limit communication with third parties. Any loss of confidential or proprietary data through a breach could adversely affect our reputation, expose us to material legal or regulatory claims and impair our ability to execute our business strategy, which could have a material adverse effect on us. In addition, we may experience increased capital and operating costs to implement increased security for our information technology infrastructure and plants.

As part of the continuing development of new and modified reliability standards, the FERC has approved changes to its Critical Infrastructure Protection reliability standards and has established standards for assets identified as "critical cyber assets." Under the Energy Policy Act of 2005, the FERC can impose penalties (up to \$1 million per day, per violation) for failure to comply with mandatory electric reliability standards, including standards to protect the power system against potential disruptions from cyber/data and physical security breaches.

Further, our retail business requires access to sensitive customer data in the ordinary course of business. Examples of sensitive customer data are names, addresses, account information, historical electricity usage, expected patterns of use, payment history, credit bureau data, credit and debit card account numbers, drivers' license numbers, social security numbers and bank account information. Our retail business may need to provide sensitive customer data to vendors and service providers who require access to this information in order to provide services, such as call center operations, to the retail business. If a significant breach were to occur, the reputation of our retail business may be adversely affected, customer confidence may be diminished, and our retail business may be subject to substantial legal or regulatory claims, any of which may contribute to the loss of customers and have a material adverse effect on us.

***The loss of the services of our key management and personnel could adversely affect our ability to successfully operate our businesses.***

Our future success will depend on our ability to continue to attract and retain highly qualified personnel. We compete for such personnel with many other companies, in and outside of our industry, government entities and other organizations. We may not be successful in retaining current personnel or in hiring or retaining qualified personnel in the future. Our failure to attract highly qualified new personnel or retain highly qualified existing personnel could have an adverse effect on our ability to successfully operate our businesses.

***We could be materially and adversely impacted by strikes or work stoppages by our unionized employees.***

As of December 31, 2017, we had approximately 1,630 employees covered by collective bargaining agreements. The initial term of such collective bargaining agreements expired on March 31, 2017, but they all remain effective pursuant to evergreen provisions unless and until terminated on prior notice by either party. We are currently negotiating a new collective bargaining agreement with one of our local unions, while new agreements with our two other local unions have been ratified, but not yet executed. In the event that our union employees strike, participate in a work stoppage or slowdown or engage in other forms of labor strife or disruption, we would be responsible for procuring replacement labor or we could experience reduced power generation or outages. Our ability to procure such labor is uncertain. Strikes, work stoppages or the inability to negotiate current or future collective bargaining agreements on favorable terms or at all could have a material adverse effect on us.

**Risks Related to Our Structure and Ownership of our Common Stock**

***Vistra Energy is a holding company and its ability to obtain funds from its subsidiaries is structurally subordinated to existing and future liabilities and preferred equity of its subsidiaries.***

Vistra Energy is a holding company that does not conduct any business operations of its own. As a result, Vistra Energy's cash flows and ability to meet its obligations are largely dependent upon the operating cash flows of Vistra Energy's subsidiaries and the payment of such operating cash flows to Vistra Energy in the form of dividends, distributions, loans or otherwise. These subsidiaries are separate and distinct legal entities from Vistra Energy and have no obligation (other than any existing contractual obligations) to provide Vistra Energy with funds to satisfy its obligations. Any decision by a subsidiary to provide Vistra Energy with funds to satisfy its obligations, including those under the TRA, whether by dividends, distributions, loans or otherwise, will depend on, among other things, such subsidiary's results of operations, financial condition, cash flows, cash requirements, contractual prohibitions and other restrictions, applicable law and other factors. The deterioration of income from, or other available assets of, any such subsidiary for any reason could limit or impair its ability to pay dividends or make other distributions to Vistra Energy.

***We may not pay any dividends on our common stock in the future.***

We have no present intention to pay cash dividends on our common stock. Any determination to pay dividends to holders of our common stock in the future will be at the sole discretion of the Board and will depend upon many factors, including our historical and anticipated financial condition, cash flows, liquidity and results of operations, capital requirements, market conditions, our growth strategy and the availability of growth opportunities, contractual prohibitions and other restrictions with respect to the payment of dividends, applicable law and other factors that the Board deems relevant.

***A small number of stockholders could be able to significantly influence our business and affairs.***

The three largest groups of stockholders of Vistra Energy, affiliates of Apollo Management Holdings L.P. (collectively, the Apollo Entities), affiliates of Brookfield Asset Management Private Institutional Capital Adviser (Canada), L.P. (collectively, the Brookfield Entities), and affiliates of Oaktree Capital Management, L.P. (collectively, the Oaktree Entities, and together with the Apollo Entities and the Brookfield Entities, the Principal Stockholders), all of which were first lien creditors of our Predecessor prior to Emergence, collectively currently own approximately 45% of our common stock outstanding. Large holders such as the Principal Stockholders may be able to affect matters requiring approval by holders of our common stock, including the election of directors and the approval of any strategic transactions, including the Merger. The Principal Stockholders entered into the Merger Support Agreement in connection with the Merger pursuant to which they have agreed, subject to certain circumstances, to vote their shares of Vistra Energy common stock in favor of the Merger Proposal and the Stock Issuance Proposal (see Note 2 to the Financial Statements). Furthermore, pursuant to the terms of stockholders' agreements entered into with each of the Principal Stockholders, each Principal Stockholder is entitled to designate one director to serve on the Board as a Class III director for so long as it beneficially owns, in the aggregate, at least 22,500,000 shares of our common stock. It is expected that each of the Principal Stockholders will own enough equity in the combined company as of the closing of the Merger that each will still have a representative on the combined company's board of directors.

***Conflicts of interest may arise because some members of the Board are representatives of the Principal Stockholders.***

The Principal Stockholders could invest in entities that directly or indirectly compete with us. As a result of these relationships, when conflicts arise between the interests of the Principal Stockholders or their affiliates and the interests of other stockholders, members of the Board that are representatives of the Principal Stockholders may not be disinterested. Neither the Principal Stockholders nor the representatives of the Principal Stockholders on the Board, by the terms of the Vistra Energy certificate of incorporation, are required to offer us any transaction opportunity of which they become aware and could take any such opportunity for themselves or offer it to their other affiliates, unless such opportunity is expressly offered to them solely in their capacity as members of the Board.



Additionally, pursuant to a letter agreement with Oaktree Capital Management, L.P., affiliates of Oaktree Capital Management, L.P. have committed to use commercially reasonable efforts to divest a portion of their shares of our common stock or Dynegy common stock in connection with the Merger, but are not obligated to consummate such divestment other than at prices per share of Dynegy common stock or our common stock determined from time to time in Oaktree's sole and absolute discretion to be adequate. The Merger Support Agreement provides that if affiliates of Oaktree have not sold the number of shares of our common stock or Dynegy common stock contemplated in the Oaktree Letter Agreement, then Dynegy will purchase shares of Dynegy common stock from such affiliates of Oaktree so that the target ownership level is met. Such purchase by Dynegy, if applicable, will be consummated immediately prior to the closing of the Merger and will be for a cash purchase price of \$13.24 per share.

***We are unable to take certain actions because such actions could jeopardize the intended tax treatment of the Spin-Off, and such restrictions could be significant.***

The Tax Matters Agreement prohibits us from taking certain actions that could reasonably be expected to undermine the intended tax treatment the Spin-Off or to jeopardize the conclusions of the IRS private letter ruling that we received in connection with the Spin-Off or opinions of counsel received by us or EFH Corp. In particular, for two years after the Spin-Off, we may not:

- cease the active conduct of our business;
- cease to hold certain assets;
- voluntarily dissolve or liquidate;
- merge or consolidate with any other person in a transaction that does not qualify as a reorganization under Section 368(a) of the Internal Revenue Code of 1986, as amended;
- redeem or otherwise repurchase (directly or indirectly) any of our equity interests other than pursuant to an open market stock repurchase program that satisfies the requirements in the Tax Matters Agreement, or
- directly or indirectly acquire any of the PrefCo Preferred Stock.

Nevertheless, we are permitted to take any of the actions described above if (a) we obtain written consent from EFH Corp., (b) such action or transaction is described in or otherwise consistent with the facts in the private letter ruling we obtained from the IRS in connection with the Spin-Off, (c) we obtain a supplemental private letter ruling from the IRS or (d) we obtain an unqualified opinion of a nationally recognized law or accounting firm that is reasonably acceptable to EFH Corp. that the action will not affect the intended tax treatment of the Spin-Off.

The covenants and other limitations with respect to the Tax Matters Agreement may limit our ability to undertake certain transactions that would otherwise be value-maximizing.

***Provisions in the certificate of incorporation and bylaws and the TRA might discourage, delay or prevent a change in control of Vistra Energy or changes in our management and therefore depress the market price of our common stock.***

The certificate of incorporation and bylaws of Vistra Energy and the TRA contain provisions that could depress the market price of our common stock by acting to discourage, delay or prevent a change in control of Vistra Energy or changes in our management that stockholders may deem advantageous. These provisions in our bylaws:

- authorize the issuance of "blank check" preferred stock that the Board could issue to increase the number of outstanding shares to discourage a takeover attempt;
- create a classified board of directors;
- prohibit stockholder action by written consent, and require that all stockholder actions be taken at a meeting of stockholders;
- provide that the Board is expressly authorized to make, amend or repeal our bylaws, and
- establish advance notice requirements for nominations for elections to the Board or for proposing matters that can be acted upon by stockholders at stockholder meetings.

In addition, the TRA provides that upon certain mergers, asset sales or other forms of business combination or certain other changes of control, the transfer agent under the TRA may treat such event as an early termination of the TRA, in which case we would be required to make a lump-sum payment under the TRA, which could be significant and could be significantly greater than the amount of the obligation reported in our consolidated balance sheets. This payment obligation may discourage potential buyers from acquiring Vistra Energy.

**Item 1B. UNRESOLVED STAFF COMMENTS**

None.

**Item 2. PROPERTIES**

The following description excludes three power plants (Monticello, Big Brown and Sandow) with a total installed nameplate generation capacity of approximately 4,167 MW that were retired in the first quarter of 2018.

Luminant's generation fleet consists of 49 power generation units, all of which are wholly owned and operate within the ERCOT electricity market, with the location, fuel types, dispatch characteristics and total installed nameplate generation capacity for each generation facility shown in the table below:

Name	Location (all in the state of Texas)	Fuel Type	Dispatch Type	Installed Nameplate Generation Capacity (MW)	Number of Units
Comanche Peak	Somervell County	Nuclear	Baseload	2,300	2
Oak Grove	Robertson County	Lignite	Baseload	1,600	2
Martin Lake	Rusk County	Lignite/Coal	Intermediate/Load Following	2,250	3
Forney	Kaufman County	Natural Gas (CCGT)	Intermediate/Load Following	1,912	8
Lamar	Lamar County	Natural Gas (CCGT)	Intermediate/Load Following	1,076	6
Odessa	Ector County	Natural Gas (CCGT)	Intermediate/Load Following	1,054	6
Morgan Creek	Mitchell County	Natural Gas (CT)	Peaking	390	6
Permian Basin	Ward County	Natural Gas (CT)	Peaking	325	5
DeCordova	Hood County	Natural Gas (CT)	Peaking	260	4
Lake Hubbard	Dallas County	Natural Gas (Steam)	Peaking	921	2
Stryker Creek (a)	Cherokee County	Natural Gas (Steam)	Peaking	685	2
Graham (a)	Young County	Natural Gas (Steam)	Peaking	630	2
Trinidad (a)	Henderson County	Natural Gas (Steam)	Peaking	244	1
Total				13,647	49

(a) We are currently conducting a competitive sales process for our Stryker Creek, Graham and Trinidad units (see Note 4 to the Financial Statements).

Our wholesale commodity risk management business also procures renewable energy credits from wind generation to support our electricity sales to wholesale and retail customers to satisfy the increasing demand for renewable resources from such customers. As of December 31, 2017, Vistra Energy had long-term power purchase agreements to annually procure approximately 400 MW of renewable energy. These renewable generation sources deliver electricity when conditions make them available, and, when on-line, they generally compete with baseload units. Because they cannot be relied upon to meet demand continuously due to their dependence on weather and time of day, these generation sources are categorized as non-dispatchable and create the need for intermediate/load-following resources to respond to changes in their output.

**Fuel Supply**

*Nuclear* — We operate two nuclear generation units at the Comanche Peak plant site, each of which is designed for a capacity of 1,150 MW. Comanche Peak Unit 1 and Unit 2 went into commercial operation in 1990 and 1993, respectively, and are generally operated at full capacity. Refueling (nuclear fuel assembly replacement) outages for each unit are scheduled to occur every eighteen months during the spring or fall off-peak demand periods. Every three years, the refueling cycle results in the refueling of both units during the same year, the latest of which occurred during 2017. While one unit is undergoing a refueling outage, the remaining unit is intended to operate at full capacity. During a refueling outage, other maintenance, modification and testing activities are completed that cannot be accomplished when the unit is in operation. Over the last three years the refueling outage period per unit has ranged from 30 to 40 days. The Comanche Peak facility operated at a capacity factor of 84%, 101% and 99% in 2017, 2016 and 2015, respectively. The capacity factor for the year ended December 31, 2017 reflected an unplanned outage at one of the units between June and August 2017.

We have contracts in place for all our nuclear fuel requirements for 2018. We have contracts in place for the majority of our nuclear fuel requirements through 2019. We do not anticipate any significant difficulties in acquiring uranium and contracting for associated conversion, enrichment and fabrication services in the foreseeable future.

The nuclear industry has developed ways to store used nuclear fuel on site at nuclear generation facilities, primarily through the use of dry cask storage, since there are no facilities for reprocessing or disposal of used nuclear fuel currently in operation in the U.S. Luminant stores its used nuclear fuel on-site in storage pools or dry cask storage facilities and believes its on-site used nuclear fuel storage capability is sufficient for the foreseeable future.

*Coal/Lignite* — Our lignite/coal fueled generation fleet capacity totals 3,850 MW. Maintenance outages at these units are scheduled during the spring or fall off-peak demand periods.

We satisfy all of our fuel requirements at the Oak Grove generation facility with lignite that we mine. We meet our fuel requirements for the Martin Lake generation facility by blending lignite we mine with coal purchased from multiple suppliers under contracts of various lengths and transported from the Powder River Basin to our generation plants by railcar. In 2017, approximately 53% of the fuel used at the Martin Lake generation facility was supplied from surface minable lignite reserves located adjacent to the facility and dedicated to it.

*Natural Gas* — Our natural gas-fueled generation fleet capacity totals 7,497 MW. In April 2016, we acquired La Frontera Holdings, LLC the indirect owner of two CCGT natural gas fueled generation facilities located in ERCOT. The facility in Forney, Texas (8 units) has a capacity of 1,912 MW and the facility in Paris, Texas (6 units) has a capacity of 1,076 MW. In August 2017, we acquired a facility in Odessa, Texas (6 units) with a capacity of 1,054 MW. The acquisitions diversified our fuel mix and increased the dispatch flexibility in our fleet.

We also operate combustion turbine (CT) facilities at Morgan Creek (6 units), Permian Basin (5 units), DeCordova (4 units) plant sites and steam facilities at Lake Hubbard (2 units), Stryker Creek (2 units), Graham (2 units) and Trinidad (1 unit) plant sites. The CT and steam plants are peaking units which provide us the ability to meet increased demand from our retail customers during high market price intervals with available generation capacity and provide other wholesale opportunities.

We satisfy our fuel requirements at these facilities through a combination of spot market and near-term purchase contracts. Additionally, we have near-term natural gas transportation agreements in place for all of our sites to ensure reliable fuel supply.

### **Item 3. LEGAL PROCEEDINGS**

See Note 13 to the Financial Statements for discussion of litigation, including matters related to our generation facilities and EPA reviews.

### **Item 4. MINE SAFETY DISCLOSURES**

Vistra Energy currently owns and operates 12 surface lignite coal mines in Texas to provide fuel for its electricity generation facilities. These mining operations are regulated by the MSHA under the Federal Mine Safety and Health Act of 1977, as amended (the Mine Act), as well as other federal and state regulatory agencies such as the RCT and Office of Surface Mining. The MSHA inspects U.S. mines, including Vistra Energy's mines, on a regular basis, and if it believes a violation of the Mine Act or any health or safety standard or other regulation has occurred, it may issue a citation or order, generally accompanied by a proposed fine or assessment. Such citations and orders can be contested and appealed, which often results in a reduction of the severity and amount of fines and assessments and sometimes results in dismissal. Disclosure of MSHA citations, orders and proposed assessments are provided in Exhibit 95(a) to this Annual Report on Form 10-K.

**PART II****Item 5. MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES**

Vistra Energy's authorized capital stock consists of 1,800,000,000 shares of common stock with a par value of \$0.01 per share.

Since May 10, 2017, Vistra Energy's common stock has been listed on the NYSE under the symbol "VST". Upon Emergence and through May 9, 2017, Vistra Energy's common stock was listed on the OTCQX U.S. under the symbol "VSTE".

As of February 21, 2018, there were 428,447,631 shares of common stock issued and outstanding and 123 shareholders of record.

The following table sets forth the per share high and low closing prices and per share cash dividends declared per common share for the periods presented.

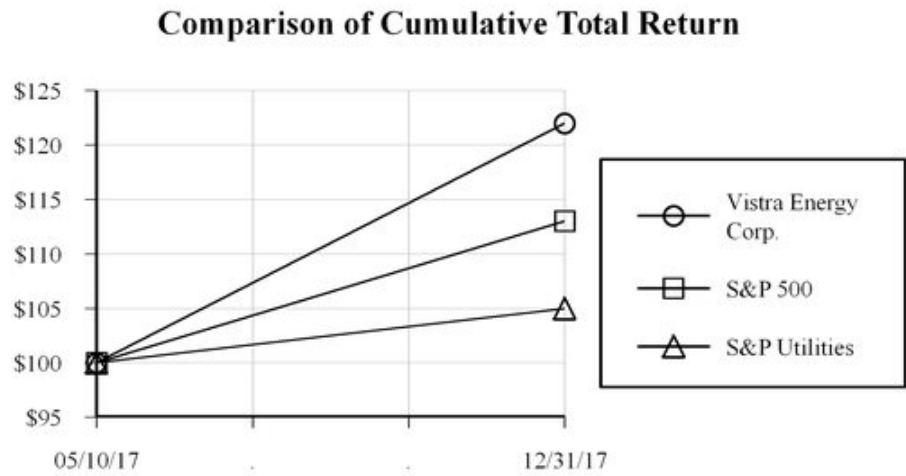
	2017				2016
	Fourth Quarter	Third Quarter	Second Quarter	First Quarter	Fourth Quarter
High price	\$ 20.49	\$ 18.70	\$ 16.86	\$ 17.95	\$ 16.40
Low price	\$ 17.24	\$ 15.88	\$ 14.59	\$ 15.36	\$ 13.60
Dividends per common share	\$ —	\$ —	\$ —	\$ —	\$ 2.32

Other than a one-time dividend in the aggregate amount of approximately \$1 billion (\$2.32 per share of common stock) to holders of record of our common stock on December 19, 2016, Vistra Energy has never paid a dividend on our common stock, and the Board has no present intention to declare or pay dividends in the future. For additional details, see Item 1A. *Risk Factors* and Note 14 to the Financial Statements

Subject to limitations under applicable Delaware law, preferences that may apply to any outstanding shares of our preferred stock and contractual restrictions, holders of our common stock are entitled to receive dividends or other distributions ratably, when, as and if declared by the Board. The ability of the Board to declare dividends with respect to our common stock, however, will be subject to such limitations, preferences and restrictions and the availability of sufficient funds under the Delaware General Corporation Law (DGCL) to pay such dividends.

**Stock Performance Graph**

The performance graph below compares Vistra Energy's cumulative total return on common stock for the period from May 10, 2017 through December 31, 2017 with the cumulative total returns of the S&P 500 Stock Index (S&P 500) and the S&P Utility Index (S&P Utilities). The graph below compares the return in each period assuming that \$100 was invested at May 10, 2017 in Vistra Energy's common stock, the S&P 500 and the S&P Utilities, and that all dividends were reinvested.



**Item 6. SELECTED FINANCIAL DATA**

**VISTRA ENERGY CORP.**  
**SELECTED CONSOLIDATED FINANCIAL INFORMATION**  
(Millions of Dollars, Except Per Share Amounts and Ratios)

	Successor		Predecessor			
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31,		
				2015	2014	2013
Operating revenues	\$ 5,430	\$ 1,191	\$ 3,973	\$ 5,370	\$ 5,978	\$ 5,899
Impairment of goodwill	\$ —	\$ —	\$ —	\$ (2,200)	\$ (1,600)	\$ (1,000)
Impairment of long-lived assets	\$ (25)	\$ —	\$ —	\$ (2,541)	\$ (4,670)	\$ (140)
Operating income (loss)	\$ 198	\$ (161)	\$ 568	\$ (4,091)	\$ (6,015)	\$ (1,113)
Net income (loss) (a)	\$ (254)	\$ (163)	\$ 22,851	\$ (4,677)	\$ (6,229)	\$ (2,197)
Cash provided by (used in) operating activities	\$ 1,386	\$ 81	\$ (238)	\$ 237	\$ 444	\$ (270)
Net loss per weighted average share of common stock outstanding — basic	\$ (0.59)	\$ (0.38)				
Net loss per weighted average share of common stock outstanding — diluted	\$ (0.59)	\$ (0.38)				
Dividend declared per share of common stock	\$ —	\$ 2.32				

	Successor		Predecessor		
	At December 31,		At December 31,		
	2017	2016	2015	2014	2013
<b>Balance Sheet Information:</b>					
Total assets (b)(c)	\$ 14,600	\$ 15,167	\$ 15,658	\$ 21,343	\$ 28,822
Property, plant and equipment — net (b)(c)	\$ 4,820	\$ 4,443	\$ 9,349	\$ 12,288	\$ 17,649
Goodwill and intangible assets	\$ 4,437	\$ 5,112	\$ 1,331	\$ 3,688	\$ 5,669
Long-term debt including current maturities (d)	\$ 4,423	\$ 4,623	\$ 19	\$ 73	\$ 31,758
Borrowings under debtor-in-possession credit facility	\$ —	\$ —	\$ 1,425	\$ 1,425	\$ —
Pre-Petition notes, loans and other debt reported as liabilities subject to compromise (e)	\$ —	\$ —	\$ 31,668	\$ 31,856	\$ —
Total equity/membership interests	\$ 6,342	\$ 6,597	\$ (22,884)	\$ (18,209)	\$ (11,982)

- (a) For the Predecessor period from January 1, 2016 through October 2, 2016, net income includes net gains totaling \$22.121 billion related to bankruptcy-related reorganization items including gains on extinguishing claims pursuant to the Plan of Reorganization (see Notes 5 and 6 to the Financial Statements).
- (b) At December 31, 2017 and 2016, includes the Lamar and Forney natural gas generation facilities purchased in April 2016, and at December 31, 2017 includes the Odessa-Ector natural gas generation facility purchased in August 2017 (see Note 3 to the Financial Statements).
- (c) Reflects the impacts of impairment charges related to long-lived assets of \$2.541 billion and \$4.670 billion in the years ended December 31, 2015 and 2014, respectively (see Note 4 to the Financial Statements).
- (d) As of December 31, 2013, includes borrowings under Predecessor's credit facilities of \$2.054 billion.
- (e) As of December 31, 2015 and 2014, includes both unsecured and under secured obligations incurred prior to the Petition Date, but excludes pre-petition obligations that were fully secured and other obligations that were allowed to be paid as ordered by the Bankruptcy Court. As of December 31, 2014, also excludes \$702 million of deferred debt issuance and extension costs.

**Quarterly Information (Unaudited)**

Results of operations by quarter are summarized below. In our opinion, all adjustments (consisting of normal recurring accruals) necessary for a fair statement of such amounts have been made. Quarterly results are not necessarily indicative of a full year's operations because of seasonal and other factors. All amounts are in millions of dollars, except per share amounts, and may not add to full year amounts due to rounding.

	Successor			
	Quarter Ended			
	March 31	June 30	September 30	December 31 (a)
<b>2017:</b>				
Operating revenues	\$ 1,357	\$ 1,296	\$ 1,833	\$ 944
Operating income (loss)	\$ 155	\$ 53	\$ 452	\$ (462)
Net income (loss)	\$ 78	\$ (26)	\$ 273	\$ (579)
Net income (loss) per weighted average share of common stock outstanding — basic	\$ 0.18	\$ (0.06)	\$ 0.64	\$ (1.35)
Net income (loss) per weighted average share of common stock outstanding — diluted	\$ 0.18	\$ (0.06)	\$ 0.64	\$ (1.35)

	Predecessor			Successor
	Quarter Ended		Period from July 1 through October 2 (b)	Period from October 3 through December 31
	March 31	June 30		
<b>2016:</b>				
Operating revenues	\$ 1,049	\$ 1,233	\$ 1,690	\$ 1,191
Operating income (loss)	\$ 39	\$ (112)	\$ 640	\$ (161)
Net income (loss)	\$ (343)	\$ (499)	\$ 23,693	\$ (163)
Net loss per weighted average share of common stock outstanding — basic				\$ (0.38)
Net loss per weighted average share of common stock outstanding — diluted				\$ (0.38)

(a) For the Successor quarter ended December 31, 2017, operating loss includes noncash charges of \$183 million related to the generation facilities retirement announcements. Net loss reflects the retirements mentioned above as well as a \$451 million reduction of deferred tax assets related to the decrease in the corporate tax rate due to the TCJA (see Note 8 to the Financial Statements), partially offset by \$117 million of impacts of the TRA.

(b) For the Predecessor period from July 1, 2016 through October 2, 2016, net income includes net gains totaling \$22.239 billion related to bankruptcy-related reorganization items including gains on extinguishing claims pursuant to the Plan of Reorganization (see Notes 5 and 6 to the Financial Statements).



**Item 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS**

As described in Note 1 to the Financial Statements, Vistra Energy is considered a new reporting entity for accounting purposes as of the Effective Date, and its financial statements reflect the application of fresh start reporting. The financial statements of Vistra Energy (the Successor) for periods subsequent to the Effective Date are not comparable to the financial statements of TCEH (the Predecessor) for periods prior to the Effective Date, as those previous periods do not give effect to any adjustments to the carrying values of assets or amounts of liabilities that resulted from the Plan of Reorganization, and the related application of fresh start reporting, which includes accounting policies implemented by Vistra Energy that may differ from the Predecessor. See Note 6 to the Financial Statements for further discussion of fresh start reporting.

The following discussion and analysis of our financial condition and results of operations for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 and the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015 should be read in conjunction with our consolidated financial statements and the notes to those statements. Results are impacted by the effects of fresh start reporting, the Bankruptcy Filing and the application of Financial Accounting Standards Board Accounting Standards Codification (ASC) 852, *Reorganizations*.

All dollar amounts in the tables in the following discussion and analysis are stated in millions of U.S. dollars unless otherwise indicated.

***Business***

Vistra Energy is a holding company operating an integrated power business in Texas. Through our Luminant and TXU Energy subsidiaries, we are principally engaged in competitive electricity market activities including electricity generation, wholesale energy sales and purchases, commodity risk management and retail sales of electricity and related services to end users. Prior to the Effective Date, TCEH was a holding company for our subsidiaries, which were principally engaged in the same activities as they are today.

***Operating Segments***

Subsequent to the Effective Date, Vistra Energy has two reportable segments: the Wholesale Generation segment, consisting largely of Luminant, and the Retail Electricity segment, consisting largely of TXU Energy. Prior to the Effective Date, there were no reportable business segments for TCEH. See Note 20 to the Financial Statements for further information concerning reportable business segments.

***Significant Activities and Events and Items Influencing Future Performance***

***Merger Agreement*** — On October 29, 2017, Vistra Energy and Dynegy Inc., a Delaware corporation (Dynegy), entered into an Agreement and Plan of Merger (the Merger Agreement). Upon the terms and subject to the conditions set forth in the Merger Agreement, which has been approved by the boards of directors of Vistra Energy and Dynegy, Dynegy will merge with and into Vistra Energy (the Merger), with Vistra Energy continuing as the surviving corporation.

Upon the closing of the Merger, each issued and outstanding share of Dynegy common stock, par value \$0.01 per share, other than shares owned by Vistra Energy or its subsidiaries, held in treasury by Dynegy or held by a subsidiary of Dynegy, will automatically be converted into the right to receive the Exchange Ratio, except that cash will be paid in lieu of fractional shares, which we expect will result in Vistra Energy's stockholders and Dynegy's stockholders owning approximately 79% and 21%, respectively, of the combined company.

See Note 2 to the Financial Statements for a summary of the Merger Agreement and the related Merger Support Agreements. The Merger is subject to numerous uncertainties and risks more fully described in Item 1. *Risk Factors* of this Annual Report on Form 10-K.

***Retirement of Generation Plants*** — In October 2017, Luminant announced plans to retire three power plants with a total installed nameplate generation capacity of approximately 4,167 MW and two lignite mines. These power plants include the Monticello, Sandow 4, Sandow 5 and Big Brown generation units. Luminant decided to retire these units given they are projected to be uneconomic based on current market conditions and given the significant environmental costs associated with operating such units. In the case of the Sandow units, the decision also reflected the execution of a Settlement Agreement discussed below.

As part of the retirement process, Luminant filed notices with ERCOT, which triggered a reliability review regarding such proposed retirements. In October and November 2017, ERCOT determined the units were not needed for reliability. The Sandow and Monticello units were retired in January 2018, and the Big Brown units were retired in February 2018.

During the year ended December 31, 2017, we recorded charges of approximately \$206 million related to the retirements, including employee related severance costs, noncash charges for writing off materials inventory and a contract intangible asset associated with the Big Brown plant and the acceleration of Luminant's mining reclamation obligations (see Note 21 to the Financial Statements). In addition, we will continue the ongoing reclamation work at the plants' mines.

**Termination and Settlement of Alcoa Contract** — In October 2017, subsidiaries of Vistra Energy (Vistra Parties) entered into a separation and settlement agreement (Settlement Agreement) with Alcoa Corporation and Alcoa USA Corp. (collectively, the Alcoa Parties). Pursuant to the Settlement Agreement, the Vistra Parties and the Alcoa Parties agreed to early termination of a series of agreements related to industrial operations near Rockdale, Texas, thereby ending their contractual relationship with respect to the power generation unit known as Sandow Unit 4 and the mine known as Three Oaks Mine. The terminated agreements were scheduled to terminate in 2038 absent the Settlement Agreement. Among other things, the Alcoa Parties made a cash payment to the Vistra Parties in the amount of approximately \$238 million and transferred certain real property and related assets to the Vistra Parties, the Vistra Parties agreed to assume and be responsible for certain liabilities and asset retirement obligations related to Sandow Unit 4 (including certain related common facilities), the related mine and other property transferred from the Alcoa Parties to the Vistra Parties, and both parties released one another from any obligations and claims under the terminated agreements. The transactions under the Settlement Agreement are effective as of October 1, 2017.

In the three months ended December 31, 2017, we recorded a gain related to the impacts of the Settlement Agreement in our consolidated financial statements totaling \$11 million, which included the receipt of the cash payment, the acquisition of real property and the incurrence of certain liabilities and asset retirement obligations, along with the elimination of a related electric supply contract intangible asset on our consolidated balance sheet (see Note 7 to the Financial Statements).

**CCGT Plant Acquisition** — In July 2017, La Frontera Holdings, LLC (La Frontera), an indirect wholly owned subsidiary of Vistra Energy, entered into an asset purchase agreement with Odessa-Ector Power Partners, L.P., an indirect wholly owned subsidiary of Koch Ag & Energy Solutions, LLC (the Odessa Acquisition), to acquire a 1,054 MW CCGT natural gas fueled generation plant (and other related assets and liabilities) located in Odessa, Texas (the Odessa Facility). On August 1, 2017, the Odessa Acquisition closed and La Frontera acquired the Odessa Facility. La Frontera paid an aggregate purchase price of approximately \$355 million, plus a five-year earn-out provision, to acquire the Odessa Facility. The purchase price was funded by cash on hand.

**Upton Solar Development** — In May 2017, we acquired the rights to develop, construct and operate a utility scale solar photovoltaic power generation facility in Upton County, Texas. As part of this project, we entered a turnkey engineering, procurement and construction agreement to construct the approximately 180 MW facility. For the year ended December 31, 2017, we have spent approximately \$190 million related to this project primarily for progress payments under the engineering, procurement and construction agreement and the acquisition of the development rights. We currently estimate that the facility will begin operations in the summer of 2018.

**Repricing of Vistra Operations Credit Facilities** — In February, August and December 2017 and February 2018, certain pricing terms for the Vistra Operations Credit Facility were amended. Any amounts borrowed under the Revolving Credit Facility will bear interest based on applicable LIBOR rates plus 2.25%. Amounts borrowed under the Initial Term Loan B Facility and the Term Loan C Facility will bear interest based on applicable LIBOR rates, subject to a 0.75% floor, plus 2.50%. The Incremental Term Loan B Facility will bear interest based on applicable LIBOR rates plus 2.25%. In connection with a repricing amendment in December 2017, the Revolving Credit Facility letter of credit sub-facility was increased from \$600 million to \$715 million and the Term Loan C Facility was reduced from \$650 million to \$500 million. See Note 12 to the Financial Statements for details of the Vistra Operations Credit Facilities.

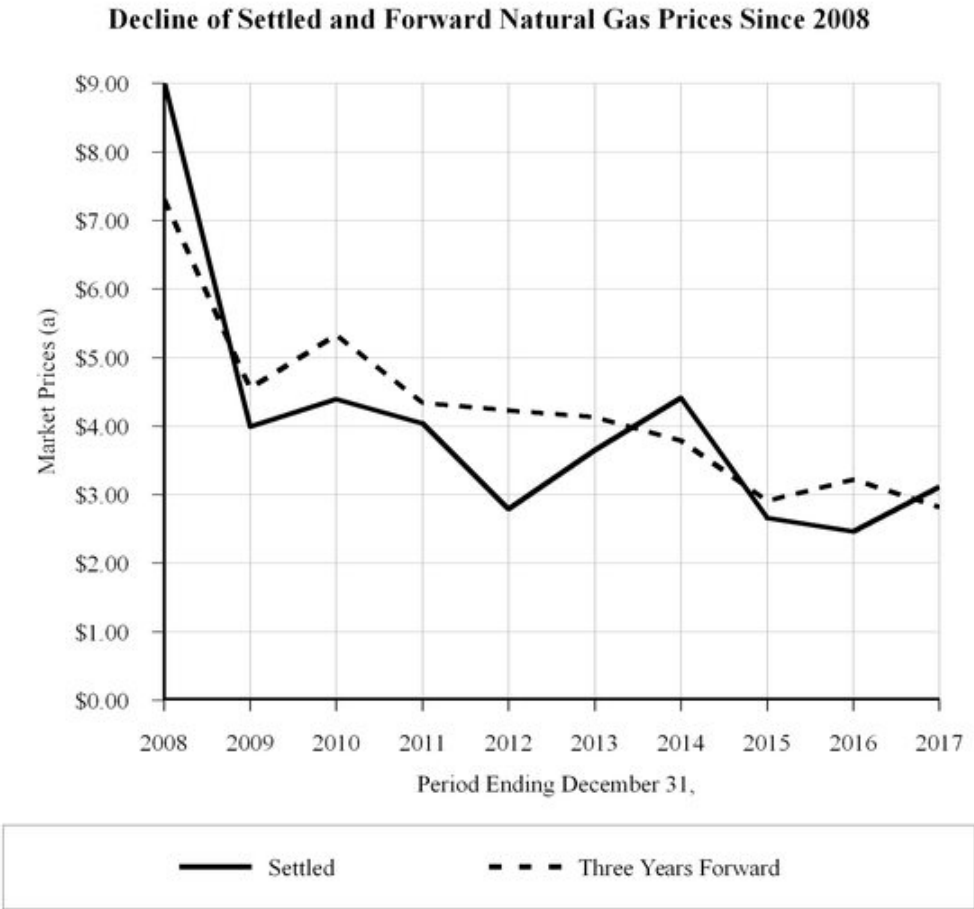
**Environmental Matters** — See Note 13 to Financial Statements for a discussion of greenhouse gas emissions, the Cross-State Air Pollution Rule, regional haze, state implementation plan and other recent EPA actions as well as related litigation.

## Key Risks and Challenges

Following is a discussion of key risks and challenges facing management and the initiatives currently underway to manage such challenges. These matters involve risks that could have a material effect on our results of operations, liquidity or financial condition.

*Natural Gas Price and Market Heat Rate Exposure*

The price of power in the ERCOT market is typically set by natural gas-fueled generation facilities, with wholesale prices generally tracking increases or decreases in the price of natural gas. In recent years, natural gas supply has outpaced demand primarily as a result of development and expansion of hydraulic fracturing in natural gas extraction; the supply/demand imbalance has resulted in historically low natural gas prices, and such prices have historically been volatile. The table below shows the general decline in forward natural gas prices over the last several years (amounts are per MMBtu.)



(a) Settled prices represent the average of NYMEX Henry Hub monthly settled prices of financial contracts for the year ending on the date presented. Forward prices represent the three-year average of NYMEX Henry Hub monthly forward prices at the date presented. Three-year forward prices are presented as such period is generally deemed to be a liquid period.

In contrast to our natural gas fueled generation facilities, changes in natural gas prices have no significant effect on the cost of generating power at our nuclear-, lignite- and coal-fueled facilities, which represent a substantial amount of our generation capacity. Consequently, all other factors being equal, these nuclear-, lignite- and coal-fueled generation assets increase or decrease in value as natural gas prices and market heat rates rise or fall, respectively, because of the effect on our operating margins from changes in wholesale electricity prices in ERCOT. A persistent decline in the price of natural gas, and the corresponding decline in the price of power in the ERCOT market, would likely have a material adverse effect on our results of operations, liquidity and financial condition, predominantly related to the production of power generation volumes in excess of the volumes utilized to service our retail customer load requirements.

The wholesale market price of electricity divided by the market price of natural gas represents the market heat rate. Market heat rate can be affected by a number of factors, including generation availability, mix of assets and the efficiency of the marginal supplier (generally natural gas-fueled generation facilities) in generating electricity. Our market heat rate exposure is impacted by changes in the availability of generation resources, such as additions and retirements of generation facilities, and mix of generation assets in ERCOT. For example, increasing renewable (wind and solar) generation capacity generally depresses market heat rates. Our heat rate exposure is also impacted by the potential economic backdown of our generation assets. Decreases in market heat rates decrease the value of our generation assets because lower market heat rates generally result in lower wholesale electricity prices, and vice versa. However, even though market heat rates have generally increased over the past several years, wholesale electricity prices have declined due to the greater effect of falling natural gas prices.

As a result of our exposure to the variability of natural gas prices and market heat rates in ERCOT, retail sales and hedging activities are critical to our operating results and maintaining consistent cash flow levels.

Our integrated power generation and retail electricity business provides us opportunities to hedge our generation position utilizing retail electricity markets as a sales channel. In addition, our approach to managing electricity price risk focuses on the following:

- employing disciplined, liquidity-efficient hedging and risk management strategies through physical and financial energy-related contracts intended to partially hedge gross margins;
- continuing focus on cost management to better withstand gross margin volatility;
- following a retail pricing strategy that appropriately reflects the value of our product offering to customers, the magnitude and costs of commodity price, liquidity risk and retail demand variability, and
- improving retail customer service to attract and retain high-value customers.

We have engaged in natural gas hedging activities to mitigate the risk of lower wholesale electricity prices that have corresponded to declines in natural gas prices. While current and forward natural gas prices are currently depressed, we continue to seek opportunities to manage our wholesale power price exposure through hedging activities, including forward wholesale and retail electricity sales.

Taking together forward wholesale, retail electricity sales and other retail customer considerations and all other hedging positions, at December 31, 2017, we had effectively hedged an estimated 90% and 22% of the natural gas price exposure related to our overall business for 2018 and 2019, respectively. Additionally, taking into consideration our overall heat rate exposure and related hedging positions at December 31, 2017, we had effectively hedged 83% and 42% of the heat rate exposure to our overall business for 2018 and 2019, respectively.

The following sensitivity table provides approximate estimates of the potential impact of movements in natural gas prices and market heat rates on realized pretax earnings (in millions) taking into account the hedge positions noted in the paragraph above for the periods presented. The estimates related to price sensitivity are based on our expected generation and retail positions, related hedges and forward prices as of December 31, 2017. The underlying hedge positions take into account the effects of the retirements of generation facilities discussed in Note 4 to the Financial Statements.

	Balance 2018 (a)	2019
\$0.50/MMBtu increase in natural gas price (b)(c)	\$ ~25	\$ ~155
\$0.50/MMBtu decrease in natural gas price (b)(c)	\$ ~(15)	\$ ~(155)
1.0/MMBtu/MWh increase in market heat rate (d)	\$ ~60	\$ ~110
1.0/MMBtu/MWh decrease in market heat rate (d)	\$ ~(55)	\$ ~(100)

- (a) Balance of 2018 is from February 1, 2018 through December 31, 2018 for natural gas price sensitivities and January 1, 2018 through December 31, 2018 for market heat rate sensitivities.
- (b) Assumes conversion of generation positions based on market heat rates and an estimate of natural gas generally being on the margin 70% to 90% of the time in the ERCOT market.
- (c) Based on Houston Ship Channel natural gas prices at December 31, 2017.
- (d) Based on ERCOT North Hub around-the-clock heat rates at December 31, 2017.

### ***Competitive Retail Markets and Customer Retention***

Competitive retail activity in ERCOT has resulted in retail customer churn as customers switch retail electricity providers for various reasons. Based on numbers of meters, our total retail customer counts increased slightly in 2017 and declined approximately 1% in 2016 and less than 1% in 2015. Based upon December 31, 2017 results discussed below in *Results of Operations*, a 1% decline in retail customers would result in a decline in annual revenues of approximately \$40 million. In responding to the competitive landscape in the ERCOT market, we have attempted to reduce overall customer losses by focusing on the following key initiatives:

- Maintaining competitive pricing initiatives on residential service plans;
- Actively competing for new customers in areas open to competition within ERCOT, while continuing to strive to enhance the experience of our existing customers; we are focused on continuing to implement initiatives that deliver world-class customer service and improve the overall customer experience;
- Establishing and leveraging our TXU Energy™ brand in the sale of electricity to residential and commercial customers, as the most innovative retailer in the ERCOT market by continuing to develop tailored product offerings to meet customer needs, and
- Focusing market initiatives largely on programs targeted at retaining the existing highest-value customers and to recapturing customers who have switched REPs, including maintaining and continuously refining a disciplined contracting and pricing approach and economic segmentation of the business market to enhance targeted sales and marketing efforts and to more effectively deploy our direct-sales force; tactical programs we have initiated include improved customer service, aided by an enhanced customer management system, new product price/service offerings and a multichannel approach for the small business market.

### ***Exposures Related to Nuclear Asset Outages***

Our nuclear assets are comprised of two generation units at the Comanche Peak facility, each with an installed nameplate generation capacity of 1,150 MW. As of February 26, 2018, these units represented approximately 17% of our total generation capacity. The nuclear generation units represent our lowest marginal cost source of electricity. Assuming both nuclear generation units experienced an outage at the same time, the unfavorable impact to pretax earnings is estimated (based upon forward electricity market prices for 2018 at December 31, 2017) to be approximately \$1 million per day before consideration of any costs to repair the cause of such outages or receipt of any insurance proceeds. Also see discussion of nuclear facilities insurance in Note 13 to the Financial Statements.

The inherent complexities and related regulations associated with operating nuclear generation facilities result in environmental, regulatory and financial risks. The operation of nuclear generation facilities is subject to continuing review and regulation by the NRC, covering, among other things, operations, maintenance, emergency planning, security, and environmental and safety protection. The NRC may implement changes in regulations that result in increased capital or operating costs and may require extended outages, modify, suspend or revoke operating licenses and impose fines for failure to comply with its existing regulations and the provisions of the Atomic Energy Act. In addition, an unplanned outage at another nuclear generation facility could result in the NRC taking action to shut down our Comanche Peak units as a precautionary measure.

We participate in industry groups and with regulators to keep current on the latest developments in nuclear safety, operation and maintenance and on emerging threats and mitigating techniques. These groups include, but are not limited to, the NRC, the Institute of Nuclear Power Operations (INPO) and the Nuclear Energy Institute (NEI). We also apply the knowledge gained through our continuing investment in technology, processes and services to improve our operations and to detect, mitigate and protect our nuclear generation assets. Management continues to focus on the safe, reliable and efficient operations at the facility.

### ***Cyber/Data Security and Infrastructure Protection Risk***

A breach of cyber/data security measures that impairs our information technology infrastructure could disrupt normal business operations and affect our ability to control our generation assets, access retail customer information and limit communication with third parties. Any loss of confidential or proprietary data through a breach could materially affect our reputation, including our TXU Energy™ brand, expose the company to legal claims or impair our ability to execute on business strategies.

We participate in industry groups and with regulators to remain current on emerging threats and mitigating techniques. These groups include, but are not limited to, the U.S. Cyber Emergency Response Team, the National Electric Sector Cyber Security Organization, the NRC and NERC.

While the company has not experienced a cyber/data event causing any material operational, reputational or financial impact, we recognize the growing threat within the general market place and our industry, and are proactively making strategic investments in our perimeter and internal defenses, cyber/data security operations center and regulatory compliance activities. We also apply the knowledge gained through industry and government organizations to continuously improve our technology, processes and services to detect, mitigate and protect our cyber and data assets.

### **Application of Critical Accounting Policies**

Our significant accounting policies are discussed in Note 1 to the Financial Statements. We follow accounting principles generally accepted in the U.S. Application of these accounting policies in the preparation of our consolidated financial statements requires management to make estimates and assumptions about future events that affect the reporting of assets and liabilities at the balance sheet dates and revenues and expenses during the periods covered. The following is a summary of certain critical accounting policies that are impacted by judgments and uncertainties and under which different amounts might be reported using different assumptions or estimation methodologies.

#### ***Accounting in Reorganization and Fresh-Start Reporting***

The consolidated financial statements of our Predecessor reflect the application of ASC 852. During the Chapter 11 Cases, the Debtors, including our Predecessor and its subsidiaries, operated their businesses as debtors-in-possession under the jurisdiction of the Bankruptcy Court and in accordance with the applicable provisions of the Bankruptcy Code. ASC 852 applies to entities that have filed a petition for bankruptcy under Chapter 11 of the Bankruptcy Code. The guidance requires that transactions and events directly associated with the reorganization be distinguished from the ongoing operations of the business. In addition, the guidance provides for changes in the accounting and presentation of liabilities. Expenses and income directly associated with the Chapter 11 Cases are reported separately in the statements of consolidated income (loss) as reorganization items. Reorganization items also include adjustments to reflect the carrying value of liabilities subject to compromise (LSTC) at their estimated allowed claim amounts, as such adjustments are determined. See Note 5 to the Financial Statements.

As of the Effective Date, Vistra Energy applied fresh-start reporting under the applicable provisions of ASC 852. Fresh-start reporting includes (1) distinguishing the consolidated financial statements of the entity that was previously in restructuring from the consolidated financial statements of the entity that emerges from restructuring, (2) assigning the reorganized value of the successor entity by measuring all assets and liabilities of the successor entity at fair value, and (3) selecting accounting policies for the successor entity. The effects from emerging from bankruptcy, including the extinguishment of liabilities, as well as the fresh start reporting adjustments are reported in the Predecessor's statement of consolidated income (loss). The consolidated financial statements of Vistra Energy for periods subsequent to the Effective Date are not comparable to the financial statements of our Predecessor for periods prior to the Effective Date, as those previous periods do not give effect to any adjustments to the carrying values of assets or amounts of liabilities, nor any differences in accounting policies that were a consequence of the Plan of Reorganization or the related application of fresh-start reporting. See Note 6 to the Financial Statements.

#### ***Derivative Instruments and Mark-to-Market Accounting***

We enter into contracts for the purchase and sale of energy-related commodities, and also enter into other derivative instruments such as options, swaps, futures and forwards primarily to manage commodity price and interest rate risks. Under accounting standards related to derivative instruments and hedging activities, these instruments are subject to mark-to-market accounting, and the determination of market values for these instruments is based on numerous assumptions and estimation techniques.

Mark-to-market accounting recognizes changes in the fair value of derivative instruments in the financial statements as market prices change. Such changes in fair value are accounted for as unrealized mark-to-market gains and losses in net income with an offset to derivative assets and liabilities. The availability of quoted market prices in energy markets is dependent on the type of commodity (e.g., natural gas, electricity, etc.), time period specified and delivery point. In computing fair value for derivatives, each forward pricing curve is separated into liquid and illiquid periods. The liquid period varies by delivery point and commodity. Generally, the liquid period is supported by exchange markets, broker quotes and frequent trading activity. For illiquid periods, fair value is estimated based on forward price curves developed using modeling techniques that take into account available market information and other inputs that might not be readily observable in the market. We estimate fair value as described in Note 15 to the Financial Statements.

Accounting standards related to derivative instruments and hedging activities allow for normal purchase or sale elections and hedge accounting designations, which generally eliminate or defer the requirement for mark-to-market recognition in net income and thus reduce the volatility of net income that can result from fluctuations in fair values. Normal purchases and sales are contracts that provide for physical delivery of quantities expected to be used or sold over a reasonable period in the normal course of business and are not subject to mark-to-market accounting if the normal purchase or sale election is made. Vistra Energy does not have derivative instruments with hedge accounting designations.

We report derivative assets and liabilities in the consolidated balance sheets without taking into consideration netting arrangements that we have with counterparties. Margin deposits that contractually offset these assets and liabilities are reported separately in the consolidated balance sheets, with the exception of certain margin amounts related to changes in fair value on certain CME transactions that, beginning in January 2017, are legally characterized as settlement of derivative contracts rather than collateral.

See Note 16 to the Financial Statements for further discussion regarding derivative instruments.

### ***Accounting for Income Taxes***

EFH Corp. files a United States federal income tax return that includes the results of EFCH, EFIH, Oncor Holdings and, prior to the Effective Date, TCEH. EFH Corp. is the corporate parent of the EFH Corp. consolidated group, while each of EFIH, Oncor Holdings, EFCH and, prior to the effective date, TCEH was classified as a disregarded entity for United States federal income tax purposes. Pursuant to applicable United States Treasury regulations and published guidance of the IRS, corporations that are members of a consolidated group have joint and several liability for the taxes of such group. Subsequent to the Effective Date, the TCEH Debtor and the Contributed EFH Debtors are no longer included in the EFH Corp. consolidated group and are included in a consolidated group of which Vistra Energy is the corporate parent.

Prior to the Effective Date, EFH Corp. and certain of its subsidiaries (including EFCH, EFIH, and TCEH, but not including Oncor Holdings and Oncor) were parties to a Federal and State Income Tax Allocation Agreement, which provided, among other things, that any corporate member or disregarded entity in the EFH Corp. group was required to make payments to EFH Corp. in an amount calculated to approximate the amount of tax liability such entity would have owed if it filed a separate corporate tax return. Pursuant to the Plan of Reorganization, the TCEH Debtors and Contributed EFH Debtors rejected this agreement on the Effective Date. See Notes 5 and 8 to the Financial Statements for a discussion of the Tax Matters Agreement that was entered on the Effective Date between EFH Corp. and Vistra Energy. Additionally, since the date of the Settlement Agreement, no further cash payments among the Debtors were made in respect of federal income taxes. EFH Corp. has elected to continue to allocate federal income taxes among the entities that are parties to the Federal and State Income Tax Allocation Agreement. The Settlement Agreement did not alter the allocation and payment for state income taxes, which continued to be settled prior to the Effective Date.

Our income tax expense and related consolidated balance sheet amounts involve significant management estimates and judgments. Amounts of deferred income tax assets and liabilities, as well as current and noncurrent accruals, involve estimates and judgments of the timing and probability of recognition of income and deductions by taxing authorities. In assessing the likelihood of realization of deferred tax assets, management considers estimates of the amount and character of future taxable income. Actual income taxes could vary from estimated amounts due to the future impacts of various items, including changes in income tax laws, our forecasted financial condition and results of operations in future periods, as well as final review of filed tax returns by taxing authorities. Income tax returns are regularly subject to examination by applicable tax authorities. In management's opinion, the liability recorded pursuant to income tax accounting guidance related to uncertain tax positions reflects future taxes that may be owed as a result of any examination.

Our deferred tax assets were significantly impacted by the TCJA, which reduced the overall federal corporate rate from 35% to 21%. This rate change decreased our overall deferred tax asset balance by approximately \$451 million.

See Notes 1 and 8 to the Financial Statements for discussion of income tax matters.



### ***Accounting for Tax Receivable Agreement***

On the Effective Date, we entered into a tax receivable agreement (the TRA) with American Stock Transfer & Trust Company, LLC, as the transfer agent. Pursuant to the TRA, we issued beneficial interests in the rights to receive payments under the TRA (the TRA Rights) to the first lien creditors of our Predecessor to be held in escrow for the benefit of the first lien creditors of our Predecessor entitled to receive such TRA Rights under the Plan. As part of Emergence, Vistra Energy reflected the obligation associated with TRA Rights at fair value in the amount of \$574 million related to these future payment obligations. As of December 31, 2017, the TRA obligation has been adjusted to \$357 million. During the year ended December 31, 2017, we recorded reductions to the carrying value of the TRA obligation totaling approximately \$295 million. The largest driver in the reduction to the TRA obligation carrying value primarily resulted from a change in the corporate tax rate from 35% to 21% related to tax reform legislation, which reduced the total expected undiscounted payments under the TRA from \$2.1 billion to \$1.2 billion. The TRA obligation value is the discounted amount of estimated payments to be made each year under the TRA, based on certain assumptions, including but not limited to:

- the amount of tax basis related to (i) the Lamar and Forney acquisition and (ii) step-up resulting from the PrefCo Preferred Stock Sale (which is estimated to be approximately \$5.5 billion) and the allocation of such tax basis step-up among the assets subject thereto;
- the depreciable lives of the assets subject to such tax basis step-up, which generally is expected to be 15 years for most of such assets;
- a federal corporate income tax rate in all future years of 21%;
- the Company generally expects to generate sufficient taxable income to be able to utilize the deductions arising out of (i) the tax basis step up attributable to the PrefCo Preferred Stock Sale, (ii) the entire tax basis of the assets acquired as a result of the Lamar and Forney Acquisition, and (iii) tax benefits related to imputed interest deemed to be paid by us as a result of payments under the TRA in the tax year in which such deductions arise; and
- a discount rate of 15%, which represents our view of the rate that a market participant would use based on the risk associated with the uncertainty in the amount and timing of the cash flows, at the time of Emergence.

We recognize accretion expense over the life of the TRA Rights liability as the present value of the liability is accreted up over the life of the liability. This noncash accretion expense is reported in the statements of consolidated income (loss) as Impacts of Tax Receivable Agreement. Further, there may be significant changes, which may be material, to the estimate of the related liability due to various reasons including changes in corporate tax law, changes in estimates of future taxable income of Vistra Energy and its subsidiaries and other items. Changes in those estimates are recognized as adjustments to the related TRA Rights liability, with offsetting impacts recorded in the statements of consolidated income (loss) as Impacts of Tax Receivable Agreement. See Note 9 to the Financial Statements.

### ***Asset Retirement Obligations (ARO)***

As part of fresh start reporting, new fair values were established for all AROs for the Successor. A liability is initially recorded at fair value for an asset retirement obligation associated with the legal obligation associated with law, regulatory, contractual or constructive retirement requirements of tangible long-lived assets in the period in which it is incurred if a fair value is reasonably estimable. Generally, changes in estimates related to ARO obligations are recorded as increases or decreases to the liability and related asset as information becomes available. Changes in estimates related to assets that have been retired or for which capitalized costs are not recoverable are reflected in income.

During the year ended December 31, 2017, we recorded additional ARO obligations totaling \$112 million primarily reflecting the acceleration of ARO obligations due to the retirements of our Monticello, Sandow and Big Brown plants. In addition, we recorded additional ARO obligations totaling \$62 million as part of acquiring certain real property through the Alcoa contract settlement.

See Note 21 to the Financial Statements for additional discussion of ARO obligations.

### ***Impairment of Goodwill and Other Long-Lived Assets***

We evaluate long-lived assets (including intangible assets with finite lives) for impairment, in accordance with accounting standards related to impairment or disposal of long-lived assets, whenever events or changes in circumstances indicate that their carrying amount may not be recoverable. For our generation assets, possible indications include an expectation of continuing long-term declines in natural gas prices and/or market heat rates or an expectation that "more likely than not" a generation asset will be sold or otherwise disposed of significantly before the end of its estimated useful life. The determination of the existence of these and other indications of impairment involves judgments that are subjective in nature and may require the use of estimates in forecasting future results and cash flows related to an asset or group of assets. Further, the unique nature of our property, plant and equipment, which includes a fleet of generation assets with a diverse fuel mix and individual generation units that have varying production or output rates, requires the use of significant judgments in determining the existence of impairment indications and the grouping of assets for impairment testing. We generally utilize an income approach measurement to derive fair values for our long-lived generation assets. The income approach involves estimates of future performance that reflect assumptions regarding, among other things, forward natural gas and electricity prices, market heat rates, the effects of environmental rules, generation plant performance, forecasted capital expenditures and forecasted fuel prices. Any significant change to one or more of these factors can have a material impact on the fair value measurement of our long-lived assets. As a result of the decrease in forecasted wholesale electricity prices, potential effects from environmental regulations and changes to our Predecessor's operating plans in 2015 and 2014, our Predecessor evaluated the recoverability of its generation assets. See Note 4 to the Financial Statements for a discussion of the impairment charges related to certain of those assets. Additional material impairments related to these or other of our generation facilities may occur in the future if forward wholesale electricity prices in ERCOT decline or if additional environmental regulations increase the cost of producing electricity at our generation facilities.

Goodwill and intangible assets with indefinite useful lives, such as the intangible asset related to the TXU Energy <sup>TM</sup> brand, are required to be tested for impairment at least annually (as of the Effective Date, we have selected October 1 as our annual test date) or whenever events or changes in circumstances indicate an impairment may exist, such as the indicators used to evaluate impairments to long-lived assets discussed above or declines in values of comparable public companies in our industry. Accounting guidance requires goodwill to be allocated to our reporting units, and at December 31, 2017 all goodwill was allocated to our Retail Electricity reporting unit. Goodwill impairment testing is performed at the reporting unit level. Under this goodwill impairment analysis, if at the assessment date, a reporting unit's carrying value exceeds its estimated fair value (enterprise value), the estimated enterprise value of the reporting unit is compared to the estimated fair values of the reporting unit's assets (including identifiable intangible assets) and liabilities at the assessment date, and the resultant implied goodwill amount is then compared to the recorded goodwill amount. Any excess of the recorded goodwill amount over the implied goodwill amount is written off as an impairment charge.

The determination of enterprise value involves a number of assumptions and estimates. We use a combination of fair value measurements to estimate enterprise values of our reporting units including: internal discounted cash flow analyses (income approach), and comparable publicly traded company values (market approach). The income approach involves estimates of future performance that reflect assumptions regarding, among other things, forward natural gas and electricity prices, market heat rates, the effects of environmental rules, generation plant performance, forecasted capital expenditures and retail sales volume trends, as well as determination of a terminal value. Another key variable in the income approach is the discount rate, or weighted average cost of capital, applied to the forecasted cash flows. The determination of the discount rate takes into consideration the capital structure, credit ratings and current debt yields of comparable publicly traded companies as well as an estimate of return on equity that reflects historical market returns and current market volatility for the industry. The market approach involves using trading multiples of EBITDA of those selected publicly traded companies to derive appropriate multiples to apply to the EBITDA of our reporting units. Critical judgments include the selection of publicly traded comparable companies and the weighting of the value metrics in developing the best estimate of enterprise value.

See Note 7 to the Financial Statements for additional discussion of the Predecessor's goodwill impairment charges.

## RESULTS OF OPERATIONS

### *Vistra Energy Consolidated Financial Results — Year Ended December 31, 2017*

	Successor			
	Year Ended December 31, 2017			
	Wholesale Generation	Retail Electricity	Eliminations / Corporate and Other	Vistra Energy Consolidated
Operating revenues	\$ 2,758	\$ 4,058	\$ (1,386)	\$ 5,430
Fuel, purchased power costs and delivery fees	(1,588)	(2,733)	1,386	(2,935)
Operating costs	(958)	(14)	(1)	(973)
Depreciation and amortization (a)	(230)	(430)	(39)	(699)
Selling, general and administrative expenses	(143)	(420)	(37)	(600)
Impairment of long-lived assets	(25)	—	—	(25)
Operating income (loss)	(186)	461	(77)	198
Other income	30	34	(27)	37
Other deductions	(4)	—	(1)	(5)
Interest expense and related charges	(21)	—	(172)	(193)
Impacts of Tax Receivable Agreement	—	—	213	213
Income before income taxes	\$ (181)	\$ 495	(64)	250
Income tax expense			(504)	(504)
Net loss			\$ (568)	\$ (254)

- (a) Vistra Energy consolidated depreciation and amortization expense does not include \$136 million of nuclear fuel amortization, reported as fuel costs, and intangible net assets and liabilities amortization, reported in various other line items including operating revenues and fuel and purchased power costs and delivery fees.

For the year ended December 31, 2017, consolidated operating income totaled \$198 million and reflected strong operating performance in our Wholesale Generation and Retail Electricity segments despite an unplanned outage at one of our nuclear generation units and mild weather in both the summer and winter seasons. In addition, several strategic actions were announced during 2017, including the retirements of our Monticello, Sandow and Big Brown plants, the settlement of the Alcoa contract and the Merger Agreement with Dynegy. Operating income was reduced by \$835 million in depreciation and amortization expense, \$206 million in charges related to the plant retirement announcements and \$116 million in unrealized mark-to-market losses on commodity risk management activity and interest rate swaps. Segment operating results were driven by:

- Our Wholesale Generation segment had strong operating performance from our generation fleet during the peak summer operating months, which was offset by unrealized mark-to-market losses on commodity risk management activities totaling \$317 million for the period (including \$154 million of unrealized losses on positions with the Retail Electricity segment), resulting in an operating loss of \$186 million for the period. The unrealized losses were driven by the impacts of the reversal of previously recorded unrealized gains on settled positions and an increase in forward power prices, partially offset by unrealized gains due to a decrease in forward natural gas prices during the period. Operating loss also includes a charge of \$206 million related to the plant retirement announcements and \$320 million in depreciation and amortization expense, including nuclear fuel amortization. Additionally, operating loss includes a \$74 million unfavorable impact due to an unplanned outage at one of our nuclear generation units that began in June 2017 (\$57 million of lower earnings due to lost generation and \$17 million of additional operating costs). The outage required repairs to the plant's steam turbine generator, a standard component in all power stations that is unrelated to Comanche Peak's nuclear reactor, which was not impacted by the outage. The unit returned to service in August 2017. Please see the discussion of Wholesale Generation below for further details.
- Our Retail Electricity segment had operating income of \$461 million for the period, which was primarily driven by favorable profit margins and \$154 million of unrealized gains in purchased power costs on positions with the Wholesale Generation segment, partially offset by \$476 million in depreciation and amortization expense reflecting amortization expense related to retail customer relationship and retail contracts intangible assets. Please see the discussion of Retail Electricity below for further details.

- Net operating expense related to Eliminations and Corporate and Other activities totaled \$77 million and primarily reflected amortization of software and other technology-related assets (see Note 7 to the Financial Statements) and rent expense.

Interest expense and related charges totaled \$193 million and included \$213 million of interest expense incurred, partially offset by \$29 million of unrealized mark-to-market gains on interest rate swaps (see Note 10 to the Financial Statements).

The Impacts of the Tax Receivable Agreement were income of \$213 million, which includes a \$295 million gain due to changes in the estimated amount and timing of TRA payments. See Note 9 to the Financial Statements for discussion of the impacts of the Tax Receivable Agreement obligation.

Income tax expense totaled \$504 million. The effective tax rate of 201.6% was higher than the U.S. Federal statutory rate of 35% primarily due to a \$451 million reduction of deferred tax assets related to the decrease in the corporate tax rate in the TCJA, partially offset by \$80 million of tax impacts related to nondeductible TRA accretion. See Note 8 to the Financial Statements for reconciliation of this effective rate to the U.S. federal statutory rate.

Our total net loss of \$254 million reflected the tax effects of the TCJA and the TRA obligation, as well as the items impacting operating income listed above.

***Vistra Energy Consolidated Financial Results — Period from October 3, 2016 through December 31, 2016***

	Successor			
	Period from October 3, 2016 through December 31, 2016			
	Wholesale Generation	Retail Electricity	Eliminations / Corporate and Other	Vistra Energy Consolidated
Operating revenues	\$ 450	\$ 912	\$ (171)	\$ 1,191
Fuel, purchased power costs and delivery fees	(376)	(515)	171	(720)
Operating costs	(205)	(3)	—	(208)
Depreciation and amortization (a)	(53)	(153)	(10)	(216)
Selling, general and administrative expenses	(71)	(130)	(7)	(208)
Operating income (loss)	(255)	111	(17)	(161)
Other income	3	3	4	10
Interest expense and related charges	1	—	(61)	(60)
Impacts of Tax Receivable Agreement	—	—	(22)	(22)
Income (loss) before income taxes	\$ (251)	\$ 114	(96)	(233)
Income tax benefit			70	70
Net loss			\$ (26)	\$ (163)

- (a) Vistra Energy consolidated depreciation and amortization expense does not include \$69 million of nuclear fuel amortization, reported as fuel costs, and intangible net assets and liabilities amortization, reported in various other line items including operating revenues and fuel and purchased power costs and delivery fees.

Consolidated operating loss totaled \$161 million for the period from October 3, 2016 through December 31, 2016. Results were driven by:

- Our Wholesale Generation segment had an operating loss of \$255 million for the period, which was primarily driven by unrealized mark-to-market losses on commodity risk management activities totaling \$273 million for the period (including \$113 million of unrealized losses on positions with the Retail Electricity segment and \$22 million of unrealized gains on hedging activities for fuel and purchased power costs). The unrealized losses were driven by increases in forward natural gas prices during the period. Please see the discussion of Wholesale Generation below for further details.
- Our Retail Electricity segment had an operating income of \$111 million for the period, which was primarily driven by favorable profit margins, including \$113 million of unrealized gains in purchased power costs on positions with the Wholesale Generation segment. Please see the discussion of Retail Electricity below for further details.
- Net operating expense related to Eliminations and Corporate and Other activities totaled \$17 million and primarily reflected \$7 million in amortization of software and other technology-related assets (see Note 7 to the Financial Statements) and \$4 million of post-Emergence restructuring fees.

Interest expense and related charges totaled \$60 million and reflected \$51 million of interest expense incurred and \$11 million of unrealized mark-to-market losses on interest rate swaps (see Note 10 to the Financial Statements).

Impacts of the Tax Receivable Agreement were a loss of \$22 million, which reflected accretion expense during the period. See Note 9 to the Financial Statements for discussion of the impacts of the Tax Receivable Agreement obligation.

Income tax benefit totaled \$70 million . The effective tax rate was 30.0% . See Note 8 to the Financial Statements for reconciliation of this effective rate to the U.S. federal statutory rate.

### ***Operating Income***

We evaluate our segment performance using operating income as an earnings metric. We believe operating income is useful in evaluating our core business activities and is one of the metrics used by our chief operating decision maker and leadership to evaluate segment results. Operating income excludes interest income, interest expense and related charges, impacts of the Tax Receivables Agreement and income tax expense as these activities are managed at the corporate level.

**Operating Statistics — Year Ended December 31, 2017 and Period from October 3, 2016 through December 31, 2016**

	Successor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016
<b>Sales volumes (GWh):</b>		
Retail electricity sales volumes:		
Residential	20,536	4,485
Business markets	18,496	4,430
Total retail electricity sales volumes	39,032	8,915
Wholesale electricity sales volumes (a)	48,578	13,806
<b>Production volumes (GWh):</b>		
Nuclear facilities	16,921	5,373
Lignite and coal facilities	51,435	13,654
Natural gas facilities	18,522	3,138
<b>Capacity factors:</b>		
Nuclear facilities	84.0%	105.7%
Lignite and coal facilities	73.2%	77.1%
CCGT facilities	69.3%	47.0%
<b>Market pricing:</b>		
Average ERCOT North power price (\$/MWh)	\$ 23.26	\$ 26.52
<b>Weather (North Texas average) - percent of normal (b):</b>		
Cooling degree days	99.1%	149.2%
Heating degree days	72.1%	79.5%

(a) Includes net amounts related to sales and purchases of balancing energy in the ERCOT real-time market.

(b) Weather data is obtained from Weatherbank, Inc., an independent company that collects and archives weather data from reporting stations of the National Oceanic and Atmospheric Administration (a federal agency under the U.S. Department of Commerce). Normal is defined as the average over the 10-year period from 2006 to 2015 for the year ended December 31, 2017 and 2001 to 2010 for the period from October 3, 2016 through December 31, 2016.

**Wholesale Generation Segment Financial Results — Year Ended December 31, 2017 and Period from October 3, 2016 through December 31, 2016**

For the year ended December 31, 2017, wholesale electricity revenues totaled \$2.758 billion and included:

- \$1.336 billion in third-party wholesale electricity revenue, which included \$1.487 billion in electricity sales to third parties, including revenues from the Odessa power generation facility acquired in August 2017 (see Note 3 to the Financial Statements), and \$151 million in unrealized losses from hedging activities reflecting the reversal of previously recorded unrealized gains on settled power positions and an increase in forward power prices, partially offset by unrealized gains due to a decrease in forward natural gas prices, and
- \$1.385 billion in affiliated revenue with the Retail Electricity segment, which included \$1.539 billion in sales for the period and \$154 million in unrealized losses on hedging activities with affiliate positions reflecting an increase in forward power prices.

For the period from October 3, 2016 through December 31, 2016, wholesale electricity revenues totaled \$450 million and included:

- \$274 million in third-party wholesale electricity revenue, which included \$456 million in electricity sales to third parties, partially offset by \$182 million in unrealized losses from hedging activities reflecting an increase in forward natural gas prices and by the reversal of previously recorded unrealized gains on settled power positions, and
- \$171 million in affiliated revenue with the Retail Electricity segment, which included \$284 million in sales for the period, partially offset by \$113 million in unrealized losses on hedging activities with affiliate positions reflecting an increase in forward commodity prices.

For the year ended December 31, 2017, wholesale electricity sales and operating costs include unfavorable impacts totaling \$74 million due to an unplanned outage at one of our nuclear generation units that began in June 2017.

	Successor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016
Wholesale electricity sales	\$ 1,487	\$ 456
Unrealized net (losses) on hedging activities	(151)	(182)
Sales to affiliates	1,539	284
Unrealized net (losses) on hedging activities with affiliates	(154)	(113)
Other revenues	37	5
Total wholesale electricity revenues	\$ 2,758	\$ 450

For the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, fuel, purchased power costs and delivery fees totaled \$1.588 billion and \$376 million, respectively, and reflected \$1.576 billion and \$398 million, respectively, in fuel and purchased power costs and ancillary and other costs. For the year ended December 31, 2017, fuel expense for our nuclear facilities was lower due to an unplanned outage at one of our units. For the year ended December 31, 2017, fuel expense for our natural gas facilities reflected incremental costs related to the Odessa Acquisition (see Note 3 to the Financial Statements). For the year ended December 31, 2017, fuel and purchased power costs also included \$12 million in unrealized losses from hedging activities reflecting reversal of previously recorded unrealized gains on settled coal and diesel positions. For the period from October 3, 2016 through December 31, 2016, fuel and purchased power costs also included \$22 million in unrealized gains from hedging activities reflecting gains on coal and diesel hedges due to increases in forward prices.

	Successor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016
Fuel for nuclear facilities	\$ 82	\$ 31
Fuel for lignite and coal facilities	793	229
Fuel for natural gas facilities and purchased power costs	613	97
Unrealized (gains) losses from hedging activities	12	(22)
Ancillary and other costs	88	41
Total fuel and purchased power costs	\$ 1,588	\$ 376

Operating costs totaled \$958 million and \$205 million for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, respectively, and reflected operations and maintenance expenses for power generation facilities and salaries and benefits for facilities personnel. For the year ended December 31, 2017, operating costs for our nuclear facilities were impacted by an unplanned outage at one of our units as well as refueling both units during the year, which occurs every three years. For the year ended December 31, 2017, operating costs for our natural gas facilities reflected the Odessa Acquisition. For the year ended December 31, 2017, total charges of approximately \$170 million related to severance accruals, write-off of material and supplies inventory and changes to estimates and timing of asset retirement obligations are presented in operating costs due to our decision to retire our Monticello, Sandow 4, Sandow 5 and Big Brown generation facilities (see Note 4 to the Financial Statements).

Impairment of long-lived assets totaled \$25 million related to write-off of capitalized improvements of our Sandow 4 generation facility in conjunction with our decision to retire the facility.



For the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, depreciation and amortization expenses totaled \$230 million and \$53 million, respectively, and primarily reflected depreciation on power generation and mining property, plant and equipment.

For the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, SG&A totaled \$143 million and \$71 million, respectively, and reflected functional group service costs allocated from Corporate and Other activities totaling \$126 million and \$52 million, respectively. SG&A costs reflect a workforce reduction in October 2016 that better aligned our cost structure, particularly as it relates to support functions within the business, to current market conditions.

**Retail Electricity Segment Financial Results — Year Ended December 31, 2017 and Period from October 3, 2016 through December 31, 2016**

For the year ended December 31, 2017, retail electricity revenues totaled \$4.058 billion and included \$3.916 billion related to 39,032 GWh in sales volumes. During the period, revenues were unfavorably impacted by mild weather in both the peak summer cooling period and the winter season at the beginning of the year as noted in the weather information included above in our *Operating Statistics*.

For the period from October 3, 2016 through December 31, 2016, retail electricity revenues totaled \$912 million and included \$907 million related to 8,915 GWh in sales volumes. Sales volumes for the period were evenly split between residential and business market customers.

	Successor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016
Retail electricity sales	\$ 3,916	\$ 907
Amortization income (expense) of identifiable intangible assets related to retail contracts (see Note 7 to the Financial Statements)	(46)	(36)
Other revenues	188	41
Total retail electricity revenues	\$ 4,058	\$ 912

Purchased power costs, delivery fees and other costs totaled \$2.733 billion and \$515 million for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, respectively, and reflected the following:

	Successor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016
Purchases from affiliates	\$ 1,539	\$ 284
Unrealized net gains on hedging activities with affiliates	(154)	(113)
Delivery fees	1,345	320
Other costs	3	24
Total purchased power costs and delivery fees	\$ 2,733	\$ 515

Depreciation and amortization expenses totaled \$430 million and \$153 million for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, respectively, and primarily reflected the impacts of amortization expense related to the retail customer relationship intangible asset established in fresh start reporting (see Note 7 to the Financial Statements).

SG&A totaled \$420 million and \$130 million for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, respectively, and reflected employee compensation and benefit costs (including functional group costs allocated from Corporate and Other), marketing and operation expenses and bad debt expense. SG&A costs reflect a workforce reduction in October 2016 that better aligned our cost structure, particularly as it relates to support functions within the business, to current market conditions. For the year ended December 31, 2017, SG&A reflects an increase in bad debt expense as a result of the estimated impact on collectability from customers affected by Hurricane Harvey.

***Predecessor Consolidated Financial Results — Period from January 1, 2016 through October 2, 2016 and the Year Ended December 31, 2015***

	Predecessor	
	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Operating revenues	\$ 3,973	\$ 5,370
Fuel, purchased power costs and delivery fees	(2,082)	(2,692)
Net gain from commodity hedging and trading activities	282	334
Operating costs	(664)	(834)
Depreciation and amortization	(459)	(852)
Selling, general and administrative expenses	(482)	(676)
Impairment of goodwill	—	(2,200)
Impairment of long-lived assets	—	(2,541)
Operating income (loss)	568	(4,091)
Other income	19	18
Other deductions	(75)	(93)
Interest expense and related charges	(1,049)	(1,289)
Reorganization items	22,121	(101)
Income (loss) before income taxes	21,584	(5,556)
Income tax benefit	1,267	879
Net income (loss)	\$ 22,851	\$ (4,677)

**Predecessor Operating Statistics — Period from January 1, 2016 through October 2, 2016 and the Year Ended December 31, 2015**

	Predecessor	
	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
<b>Operating revenues:</b>		
Retail electricity revenues	\$ 3,154	\$ 4,449
Wholesale electricity revenues and other operating revenues (a)(b)	819	921
Total operating revenues	\$ 3,973	\$ 5,370
<b>Fuel, purchased power costs and delivery fees:</b>		
Fuel for nuclear facilities	\$ 92	\$ 146
Fuel for lignite and coal facilities	548	736
Fuel for natural gas facilities and purchased power costs (a)	310	252
Other costs	108	166
Delivery fees	1,024	1,392
Total	\$ 2,082	\$ 2,692
<b>Sales volumes:</b>		
Retail electricity sales volumes (GWh):		
Residential	16,619	21,923
Business markets	14,354	19,289
Total retail electricity	30,973	41,212
Wholesale electricity sales volumes (b)	25,563	23,533
<b>Production volumes (GWh):</b>		
Nuclear facilities	15,005	19,954
Lignite and coal facilities (c)	31,865	41,817
Natural gas facilities	8,539	709
<b>Capacity factors:</b>		
Nuclear facilities	99.2%	99.0%
Lignite and coal facilities (c)	60.5%	59.5%
CCGT facilities	65.2%	N/A
<b>Market pricing:</b>		
Average ERCOT North power price (\$/MWh)	\$ 20.78	\$ 23.78
<b>Weather (North Texas average) - percent of normal (d):</b>		
Cooling degree days	102.8%	105.4%
Heating degree days	81.9%	103.8%

- (a) Upon settlement, physical derivative commodity contracts that we mark-to-market in net income, such as certain electricity sales and purchase agreements and coal purchase contracts, wholesale electricity revenues and fuel and purchased power costs are reported at approximated market prices, as required by accounting rules, rather than contract price. The offsetting differences between contract and market prices are reported in net gain from commodity hedging and trading activities.
- (b) Includes net amounts related to sales and purchases of balancing energy in the ERCOT real-time market.
- (c) Includes the estimated effects of economic backdown (including seasonal operations) of lignite/coal-fueled units totaling 14,420 GWh and 19,900 GWh for the period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively.
- (d) Weather data is obtained from Weatherbank, Inc., an independent company that collects and archives weather data from reporting stations of the National Oceanic and Atmospheric Administration (a federal agency under the U.S. Department of Commerce). Normal is defined as the average over the 10-year period from 2000 to 2010.

**Predecessor Financial Results — Period from January 1, 2016 through October 2, 2016 and the Year Ended December 31, 2015**

For the period from January 1, 2016 through October 2, 2016, income before income taxes totaled \$21.584 billion and included a \$24.252 billion gain on reorganization adjustments and a \$2.013 billion loss for the net impacts from the adoption of fresh start reporting (see Notes 5 and 6 to the Financial Statements). Results also reflected the effect of declining average electricity prices on operating revenues, \$977 million in adequate protection interest expense paid/accrued on pre-petition debt and \$116 million in reorganization items associated with the Chapter 11 Cases. For the year ended December 31, 2015, loss before income taxes totaled \$5.556 billion and primarily reflected noncash impairments of certain long-lived assets totaling \$2.541 billion and of goodwill totaling \$2.2 billion.

Operating revenues totaled \$3.973 billion and \$5.370 billion for the period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively.

- For the period from January 1, 2016 through October 2, 2016, retail electricity revenues totaled \$3.154 billion and were negatively impacted by declining average prices and reduced volumes reflecting milder than normal weather in 2016. Wholesale revenues totaled \$649 million and were positively impacted by increases in generation volumes (approximately 8,048 GWh) driven by the Lamar and Forney generation assets acquired in April 2016 (see Note 3 to the Financial Statements), partially offset by lower average wholesale electricity prices.
- For the year ended December 31, 2015, retail electricity revenues totaled \$4.449 billion and were favorably impacted by increased sales volumes driven by increased business volumes, partially offset by lower average retail prices primarily for business market customers. Wholesale revenues totaled \$680 million and were negatively impacted by decreases in generation volumes driven by increased economic backdown (including seasonal operations) at lignite and coal generation facilities driven by a decline in wholesale electricity prices.

Following is an analysis of amounts reported as net losses from commodity hedging and trading activities. Results are primarily related to natural gas and power hedging activity.

	Predecessor	
	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Realized net gains	\$ 320	\$ 217
Unrealized net gains (losses)	(38)	117
Total	\$ 282	\$ 334

For both periods presented, the negative impacts of declining average prices on wholesale operating revenues were partially offset by realized net gains reflecting settled gains on derivatives due to declining market prices. These gains were primarily related to natural gas positions.

For the period from January 1, 2016 through October 2, 2016, net unrealized losses were primarily impacted by reversals of previously recorded unrealized net gains on settled positions. For the year ended December 31, 2015, net unrealized gains were primarily impacted by the impact of declining natural gas prices on our Predecessor's hedging program.

Fuel, purchased power costs and delivery fees totaled \$2.082 billion and \$2.692 billion for the period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively. For the period from January 1, 2016 through October 2, 2016, fuel, purchased power costs and delivery fees reflected the impact of declining electricity prices on purchased power costs during 2016, partially offset by incremental natural gas fuel costs associated with the Lamar and Forney Acquisition.

Operating costs totaled \$664 million and \$834 million for the period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively, and primarily reflect maintenance expense for generation assets, including the scope and timing of maintenance costs at lignite/coal-fueled generation facilities. For the period from January 1, 2016 through October 2, 2016, operating costs were also impacted by incremental operation and maintenance costs associated with the Lamar and Forney Acquisition.

Depreciation and amortization expenses totaled \$459 million and \$852 million for the period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively. primarily reflected depreciation on power generation and mining property, plant and equipment and amortization of identifiable intangible assets. For the period from January 1, 2016 through October 2, 2016, depreciation and amortization expenses were also impacted by incremental depreciation expense associated with the Lamar and Forney Acquisition.

SG&A expenses totaled \$482 million and \$676 million for the period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively, and reflected administrative and general salaries, employee benefits, marketing costs related to retail electricity activity and other administrative costs.

For the period from January 1, 2016 through October 2, 2016, results also include \$32 million of severance expense, primarily reported in fuel, purchased power costs and delivery fees and operating costs, associated with certain actions taken to reduce costs related to mining and lignite/coal generation operations.

For the period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, interest expense and related charges totaled \$1.049 billion and \$1.289 billion, respectively, and included adequate protection payments approved by the Bankruptcy Court for the benefit of TCEH secured creditors totaling \$977 million and \$1.233 billion, respectively, and interest expense on debtor-in-possession financing totaling \$76 million and \$63 million, respectively.

#### ***Energy-Related Commodity Contracts and Mark-to-Market Activities***

The table below summarizes the changes in commodity contract assets and liabilities for the periods presented. The net change in these assets and liabilities, excluding "other activity" as described below, reflects \$145 million and \$166 million in unrealized net losses for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, respectively, and \$38 million in unrealized net losses and \$117 million in unrealized net gains for the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively, all arising from mark-to-market accounting for positions in the commodity contract portfolio.

	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Commodity contract net asset at beginning of period	\$ 64	\$ 181	\$ 271	\$ 180
Settlements/termination of positions (a)	(207)	(95)	(232)	(263)
Changes in fair value of positions in the portfolio (b)	62	(71)	194	380
Other activity (c)	(15)	49	(35)	(26)
Commodity contract net asset (liability) at end of period	\$ (96)	\$ 64	\$ 198	\$ 271

- (a) Represents reversals of previously recognized unrealized gains and losses upon settlement/termination (offsets realized gains and losses recognized in the settlement period). The Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 includes reversal of \$63 million and \$90 million, respectively, of previously recorded unrealized gains related to Vistra Energy beginning balances. Excludes changes in fair value in the month the position settled as well as amounts related to positions entered into, and settled, in the same month.
- (b) Represents unrealized net gains (losses) recognized, reflecting the effect of changes in fair value. The Successor period for the year ended December 31, 2017 includes a \$23 million inception gain related to long-term power derivatives. Excludes changes in fair value in the month the position settled as well as amounts related to positions entered into, and settled, in the same month.
- (c) Represents changes in fair value of positions due to receipt or payment of cash not reflected in unrealized gains or losses. Amounts are generally related to certain margin deposits classified as settlement for certain transactions executed on the CME as well as premiums related to options purchased or sold and the initial fair value of the earn-out provision related to the Odessa Acquisition (see Note 3 to the Financial Statements). The Predecessor period from January 1, 2016 through October 2, 2016 includes fair value of acquired commodity contracts as of the date of the Lamar and Forney Acquisition (see Note 3 to the Financial Statements).

**Maturity Table** — The following table presents the net commodity contract liability arising from recognition of fair values at December 31, 2017, scheduled by the source of fair value and contractual settlement dates of the underlying positions.

Source of fair value	Successor				
	Maturity dates of unrealized commodity contract net liability at December 31, 2017				
	Less than 1 year	1-3 years	4-5 years	Excess of 5 years	Total
Prices actively quoted	\$ 11	\$ (9)	\$ —	\$ —	\$ 2
Prices provided by other external sources	(12)	(33)	—	—	(45)
Prices based on models	(16)	(45)	(1)	9	(53)
Total	\$ (17)	\$ (87)	\$ (1)	\$ 9	\$ (96)

## FINANCIAL CONDITION

### Operating Cash Flows

**Successor** — *Year Ended December 31, 2017* — Cash provided by operating activities totaled \$1.386 billion in 2017 and was primarily driven by \$1.168 billion of cash from operations, \$238 million in proceeds from the Alcoa contract settlement and a \$146 million net source of cash reflecting decreases in cash utilized in margin postings related to derivative contracts.

*Period from October 3, 2016 through December 31, 2016* — Cash provided by operating activities totaled \$81 million and was primarily driven by cash earnings from our business of approximately \$251 million after taking into consideration depreciation and amortization and unrealized mark-to-market losses on derivatives, offset by a net use of cash of approximately \$170 million in working capital primarily driven by cash utilized in margin postings related to derivative contracts.

**Depreciation and Amortization** — Depreciation and amortization expense reported as a reconciling adjustment in the statements of consolidated cash flows exceed the amount reported in the statements of consolidated income (loss) by \$136 million and \$69 million for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, respectively. The difference represented amortization of nuclear fuel, which is reported as fuel costs in the statements of consolidated income (loss) consistent with industry practice, and amortization of intangible net assets and liabilities that are reported in various other statements of consolidated income (loss) line items including operating revenues and fuel and purchased power costs and delivery fees.

**Predecessor** — *Period from January 1, 2016 through October 2, 2016* — Cash used in operating activities totaled \$238 million and was primarily driven by cash used for margin deposit postings and other working capital utilization.

*Year Ended December 31, 2015* — Cash provided by operating activities totaled \$237 million in 2015 and was primarily driven by cash used for margin deposit postings and other working capital utilization.

### Financing Cash Flows

**Successor** — *Year Ended December 31, 2017* — Cash used in financing activities totaled \$201 million in 2017 and reflected the repayment of debt, including the repayment of \$150 million in principal under the Term Loan C Facility (see Note 12 to the Financial Statements).

*Period from October 3, 2016 through December 31, 2016* — Cash provided by financing activities totaled \$6 million and related to the net impacts of the Incremental Term Loan B borrowings and the Special Dividend paid to shareholders.

**Predecessor** — *Period from January 1, 2016 through October 2, 2016* — Cash provided by financing activities totaled \$1.059 billion and primarily reflected \$2.040 billion in net borrowings under the DIP Roll Facilities and the DIP Facility, including \$870 million in net borrowings to fund the Lamar and Forney Acquisition (see Note 3 to the Financial Statements), and \$69 million from the issuance of preferred stock, partially offset by \$915 million in payments to extinguish claims under the Plan of Reorganization and \$112 million in fees related to the issuance of the DIP Roll Facilities.

*Year Ended December 31, 2015* — Cash used in financing activities totaled \$30 million and reflected the repayments of certain debt principal and fees.

## **Investing Cash Flows**

**Successor** — *Year Ended December 31, 2017* — Cash used in investing activities totaled \$541 million in 2017 and reflected payments of \$355 million related to the Odessa Acquisition, Upton solar development expenditures totaling \$190 million and capital expenditures (including nuclear fuel purchases) totaling \$176 million, partially offset by a \$150 million decrease in restricted cash used to backstop letters of credit. The Odessa Acquisition and the Upton solar development were funded using cash on hand.

Capital expenditures, including nuclear fuel, in the year ended December 31, 2017 totaled \$176 million and consisted of:

- \$74 million primarily for our generation operations;
- \$14 million for environmental expenditures related to generation units;
- \$62 million for nuclear fuel purchases, and
- \$26 million for information technology and other corporate investments.

*Period from October 3, 2016 through December 31, 2016* — Cash used in investing activities totaled \$45 million and was primarily driven by capital expenditures of \$48 million and purchases of nuclear fuel of \$41 million, partially offset by a reduction in restricted cash balances of \$48 million.

Capital expenditures, including nuclear fuel, in the period from October 3, 2016 through December 31, 2016 totaled \$89 million and consisted of:

- \$18 million primarily for our generation operations;
- \$22 million for environmental expenditures related to generation units;
- \$41 million for nuclear fuel purchases, and
- \$8 million for information technology and other corporate investments.

**Predecessor** — *Period from January 1, 2016 through October 2, 2016* — Cash used in investing activities totaled \$1.420 billion. Cash used reflected payments of \$1.343 billion related to the Lamar and Forney Acquisition net of cash acquired (see Note 3 to the Financial Statements) and capital expenditures (including nuclear fuel purchases) totaling \$263 million, partially offset by a \$233 million decrease in restricted cash used to backstop letters of credit.

Capital expenditures, including nuclear fuel, in the period from January 1, 2016 through October 2, 2016 totaled \$263 million and consisted of:

- \$171 million primarily for our generation operations;
- \$40 million for environmental expenditures related to generation units;
- \$33 million for nuclear fuel purchases, and
- \$19 million for information technology and other corporate investments.

*Year Ended December 31, 2015* — Cash used in investing activities totaled \$650 million and reflected capital expenditures (including nuclear fuel purchases) totaling \$460 million and a \$123 million increase in restricted cash largely for supporting letters of credit issued under the DIP Facility.

Capital expenditures, including nuclear fuel, in 2015 totaled \$460 million and consisted of:

- \$230 million primarily for our generation operations;
- \$82 million for environmental expenditures related to generation units;
- \$123 million for nuclear fuel purchases, and
- \$25 million for information technology and other corporate investments.

## **Debt Activity**

See Note 12 to the Financial Statements for details of the Vistra Operations Credit Facilities and other long-term debt.



### Available Liquidity

The following table summarizes changes in available liquidity for the year ended December 31, 2017 :

	December 31, 2017	December 31, 2016	Change
Cash and cash equivalents (a)	\$ 1,487	\$ 843	\$ 644
Vistra Operations Credit Facilities — Revolving Credit Facility	834	860	(26)
Vistra Operations Credit Facilities — Term Loan C Facility (b)	7	131	(124)
Total liquidity	\$ 2,328	\$ 1,834	\$ 494

(a) Cash and cash equivalents excludes \$500 million and \$650 million of restricted cash held for letter of credit support at December 31, 2017 and 2016 , respectively (see Note 21 to the Financial Statements).

(b) The Term Loan C Facility is used for issuing letters of credit for general corporate purposes. Borrowings totaling \$500 million and \$650 million under this facility were held in collateral accounts at December 31, 2017 and 2016 , respectively, and are reported as restricted cash in our consolidated balance sheets. The December 31, 2017 restricted cash balance represents borrowings under the Term Loan C Facility held in collateral accounts that support \$493 million in letters of credit outstanding, leaving \$7 million in available letter of credit capacity (see Note 12 to the Financial Statements).

The increase in available liquidity of \$494 million in the year ended December 31, 2017 compared to December 31, 2016 was primarily driven by increased available cash from operations, partially offset by the repayment of \$150 million in principal under the Term Loan C Facility and cash utilized in the Odessa Acquisition and our development of the Upton solar facility.

Based upon our current internal financial forecasts, we believe that we will have sufficient amounts available under the Vistra Operations Credit Facilities, plus cash generated from operations, to fund our anticipated cash requirements through at least the next 12 months.

### Capital Expenditures

Estimated capital expenditures and nuclear fuel purchases for 2018 are expected to total approximately \$396 million and include:

- \$248 million for investments in generation and mining facilities, including approximately:
  - \$231 million primarily for our generation operations and
  - \$17 million for environmental expenditures,
- \$118 million for nuclear fuel purchases, and
- \$30 million for information technology and other corporate investments.

### Liquidity Effects of Commodity Hedging and Trading Activities

We have entered into commodity hedging and trading transactions that require us to post collateral if the forward price of the underlying commodity moves such that the hedging or trading instrument we hold has declined in value. We use cash, letters of credit and other forms of credit support to satisfy such collateral posting obligations. See Note 12 to the Financial Statements for discussion of the Vistra Operations Credit Facilities.

Exchange cleared transactions typically require initial margin ( *i.e.* , the upfront cash and/or letter of credit posted to take into account the size and maturity of the positions and credit quality) in addition to variation margin ( *i.e.* , the daily cash margin posted to take into account changes in the value of the underlying commodity). The amount of initial margin required is generally defined by exchange rules. Clearing agents, however, typically have the right to request additional initial margin based on various factors, including market depth, volatility and credit quality, which may be in the form of cash, letters of credit, a guaranty or other forms as negotiated with the clearing agent. Cash collateral received from counterparties is either used for working capital and other business purposes, including reducing borrowings under credit facilities, or is required to be deposited in a separate account and restricted from being used for working capital and other corporate purposes. With respect to over-the-counter transactions, counterparties generally have the right to substitute letters of credit for such cash collateral. In such event, the cash collateral previously posted would be returned to such counterparties, which would reduce liquidity in the event the cash was not restricted.

At December 31, 2017, we received or posted cash and letters of credit for commodity hedging and trading activities as follows:

- \$30 million in cash has been posted with counterparties as compared to \$213 million posted at December 31, 2016 ;
- \$4 million in cash has been received from counterparties as compared to \$41 million received at December 31, 2016 ;
- \$390 million in letters of credit have been posted with counterparties as compared to \$363 million posted at December 31, 2016 , and
- \$3 million in letters of credit have been received from counterparties as compared to \$10 million received at December 31, 2016 .

### ***Income Tax Matters***

EFH Corp files a U.S. federal income tax return that, prior to the Effective Date, included the results of our Predecessor, which was classified as a disregarded entity for U.S. federal income tax purposes. Subsequent to the Effective Date, the TCEH Debtors and the Contributed EFH Debtors are included in a consolidated group of which Vistra Energy is the corporate parent and are no longer included in the EFH Corp. consolidated group. Prior to the Effective Date, EFH Corp. and certain of its subsidiaries (including EFCH and TCEH) were parties to a Federal and State Income Tax Allocation Agreement, which provided, among other things, that any corporate member or disregarded entity in the EFH Corp. group was required to make payments to EFH Corp. in an amount calculated to approximate the amount of tax liability such entity would have owed if it filed a separate corporate tax return. Pursuant to the Plan of Reorganization, the TCEH Debtors and the Contributed EFH Debtors rejected this agreement on the Effective Date. Additionally, since the date of the Settlement Agreement, no further cash payments among the Debtors were made in respect of federal income taxes. EFH Corp. has elected to continue to allocate federal income taxes among the entities that are parties to the Federal and State Income Tax Allocation Agreement. The Settlement Agreement did not alter the allocation and payment for state income taxes, which continued to be settled prior to the Effective Date.

The TCEH Debtors and the Contributed EFH Debtors emerged from the Chapter 11 Cases on the Effective Date in a tax-free spin-off from EFH Corp that was part of a series of transactions that included a taxable component, which generated a taxable gain that was offset with available net operating losses (NOLs) of EFH Corp., substantially reducing the NOLs available to EFH Corp. in the future. As a result of the use of the NOLs, the taxable portion of the transaction resulted in no regular tax liability due and approximately \$14 million of alternative minimum tax, payable to the IRS by EFH Corp. Pursuant to the Tax Matters Agreement, Vistra Energy had an obligation to reimburse EFH Corp. 50% of the alternative minimum tax, and approximately \$7 million was reimbursed during the three months ended June 30, 2017. In October 2017, the 2016 federal tax return that included the results of EFCH, EFIH, Oncor Holdings and TCEH was filed with the IRS and resulted in \$3 million payment from EFH Corp to Vistra Energy.

***Income Tax Payments*** — In the next 12 months, we expect to make federal income tax payments of approximately \$40 million, which represents Vistra Energy's remaining estimated 2017 federal income tax liability. We also expect to make Texas margin tax payments of approximately \$14 million in the next 12 months. For the year ended December 31, 2017, federal income tax payments totaled \$41 million and Texas margin tax payments totaled \$22 million.

### ***Capitalization***

At both December 31, 2017 and 2016, our capitalization ratios consisted of 41% borrowing under the Vistra Energy Operations Facilities and other long-term debt (less amounts due currently) and 59% shareholders' equity. Total borrowings under the Vistra Energy Operations Facilities and other long-term debt to capitalization was 41% at both December 31, 2017 and 2016.

### ***Financial Covenants***

The agreement governing the Vistra Operations Credit Facilities includes a covenant, solely with respect to the Revolving Credit Facility and solely during a compliance period (which, in general, is applicable when the aggregate revolving borrowings and issued revolving letters of credit (in excess of \$100 million) exceed 30% of the revolving commitments), that requires the consolidated first lien net leverage ratio not exceed 4.25 to 1.00. Although the period ended December 31, 2017 was not a compliance period, we would have been in compliance with this financial covenant if it was required to be tested at such date.

See Note 12 to the Financial Statements for discussion of other covenants related to the Vistra Operations Credit Facilities.

### ***Collateral Support Obligations***

The RCT has rules in place to assure that parties can meet their mining reclamation obligations. In September 2016, the RCT agreed to a collateral bond of up to \$975 million to support Luminant's reclamation obligations. The collateral bond is effectively a first lien on all of Vistra Operations' assets (which ranks pari passu with the Vistra Operations Credit Facilities) that contractually enables the RCT to be paid (up to \$975 million) before the other first lien lenders in the event of a liquidation of our assets. Collateral support relates to land mined or being mined and not yet reclaimed as well as land for which permits have been obtained but mining activities have not yet begun and land already reclaimed but not released from regulatory obligations by the RCT, and includes cost contingency amounts.

The PUCT has rules in place to assure adequate creditworthiness of each REP, including the ability to return customer deposits, if necessary. Under these rules, at December 31, 2017, Vistra Energy has posted letters of credit in the amount of \$55 million with the PUCT, which is subject to adjustments.

ERCOT has rules in place to assure adequate creditworthiness of parties that participate in the day-ahead, real-time and congestion revenue rights markets operated by ERCOT. Under these rules, Vistra Energy has posted collateral support totaling \$110 million in the form of letters of credit and \$15 million in cash at December 31, 2017 (which is subject to daily adjustments based on settlement activity with ERCOT).

### ***Material Cross Default/Acceleration Provisions***

Certain of our contractual arrangements contain provisions that could result in an event of default if there was a failure under financing arrangements to meet payment terms or to observe covenants that could result in an acceleration of payments due. Such provisions are referred to as "cross default" or "cross acceleration" provisions.

A default by Vistra Operations or any of its restricted subsidiaries in respect of certain specified indebtedness in an aggregate amount in excess of \$300 million may result in a cross default under the Vistra Operations Credit Facilities. Such a default would allow the lenders to accelerate the maturity of outstanding balances (approximately \$4.3 billion at December 31, 2017) under such facilities.

Each of Vistra Operations' (or its subsidiaries') commodity hedging agreements and interest rate swap agreements that are secured with a lien on its assets on a pari passu basis with the Vistra Operations Credit Facilities lenders contains a cross default provision. An event of a default by Vistra Operations or any of its subsidiaries relating to indebtedness in excess of \$300 million that results in the acceleration of such debt, would give each counterparty under these hedging agreements the right to terminate its hedge or interest rate swap agreement with Vistra Operations (or its applicable subsidiary) and require all outstanding obligations under such agreement to be settled.

Additionally, we enter into energy-related physical and financial contracts, the master forms of which contain provisions whereby an event of default or acceleration of settlement would occur if we were to default under an obligation in respect of borrowings in excess of thresholds, which may vary by contract.

### Contractual Obligations and Commitments

The following table summarizes the amounts and related maturities of our contractual cash obligations at December 31, 2017. See Notes 12 and 13 to the Financial Statements for additional disclosures regarding these debts and noncancellable purchase obligations.

Contractual Cash Obligations:	Less Than One Year	One to Three Years	Three to Five Years	More Than Five Years	Total
Debt – principal, including capital leases (a)	\$ 44	\$ 88	\$ 87	\$ 4,189	\$ 4,408
Debt – interest	197	389	382	147	1,115
Operating leases	17	27	18	150	212
Obligations under commodity purchase and services agreements (b)	520	368	316	582	1,786
Total contractual cash obligations	\$ 778	\$ 872	\$ 803	\$ 5,068	\$ 7,521

(a) Includes \$4.311 billion of borrowings under the Vistra Operations Credit Facility and \$97 million principal amount of long-term debt, including mandatorily redeemable preferred stock and capital leases. Excludes unamortized premiums, discounts and debt costs.

(b) Includes a long-term service and maintenance contract related to our generation assets, capacity payments, nuclear fuel and natural gas take-or-pay contracts, coal contracts, business services and nuclear related outsourcing and other purchase commitments. Amounts presented for variable priced contracts reflect the year-end 2017 price for all periods except where contractual price adjustment or index-based prices are specified.

The following are not included in the table above:

- the TRA obligation (see Note 9 to the Financial Statements);
- arrangements between affiliated entities and intercompany debt (see Note 19 to the Financial Statements);
- individual contracts that have an annual cash requirement of less than \$1 million (however, multiple contracts with one counterparty that are more than \$1 million on an aggregated basis have been included);
- contracts that are cancellable without payment of a substantial cancellation penalty, and
- employment contracts with management.

### Guarantees

See Note 13 to the Financial Statements for discussion of guarantees.

### OFF-BALANCE SHEET ARRANGEMENTS

We do not have any off-balance sheet arrangements.

### COMMITMENTS AND CONTINGENCIES

See Note 13 to the Financial Statements for discussion of commitments and contingencies.

### CHANGES IN ACCOUNTING STANDARDS

See Note 1 to the Financial Statements for discussion of changes in accounting standards.

## Item 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Market risk is the risk that in the normal course of business we may experience a loss in value as a result of changes in market conditions that affect economic factors such as commodity prices, interest rates and counterparty credit. Our exposure to market risk is affected by a number of factors, including the size, duration and composition of our energy and financial portfolio, as well as the volatility and liquidity of markets. Instruments used to manage this exposure include interest rate swaps to hedge debt costs, as well as exchange-traded, over-the-counter contracts and other contractual arrangements to hedge commodity prices.

### ***Risk Oversight***

We manage the commodity price, counterparty credit and commodity-related operational risk related to the competitive energy business within limitations established by senior management and in accordance with overall risk management policies. Interest rate risk is managed centrally by our treasury function. Market risks are monitored by risk management groups that operate independently of the wholesale commercial operations, utilizing defined practices and analytical methodologies. These techniques measure the risk of change in value of the portfolio of contracts and the hypothetical effect on this value from changes in market conditions and include, but are not limited to, position reporting and review, Value at Risk (VaR) methodologies and stress test scenarios. Key risk control activities include, but are not limited to, transaction review and approval (including credit review), operational and market risk measurement, transaction authority oversight, validation of transaction capture, market price validation and reporting, and portfolio valuation and reporting, including mark-to-market valuation, VaR and other risk measurement metrics.

Vistra Energy has a risk management organization that enforces applicable risk limits, including the respective policies and procedures to ensure compliance with such limits, and evaluates the risks inherent in our businesses.

### ***Commodity Price Risk***

Our business is subject to the inherent risks of market fluctuations in the price of electricity, natural gas and other energy-related products it markets or purchases. We actively manage the portfolio of generation assets, fuel supply and retail sales load to mitigate the near-term impacts of these risks on results of operations. Similar to other participants in the market, we cannot fully manage the long-term value impact of structural declines or increases in natural gas and power prices.

In managing energy price risk, we enter into a variety of market transactions including, but not limited to, short- and long-term contracts for physical delivery, exchange-traded and over-the-counter financial contracts and bilateral contracts with customers. Activities include hedging, the structuring of long-term contractual arrangements and proprietary trading. We continuously monitor the valuation of identified risks and adjust positions based on current market conditions. We strive to use consistent assumptions regarding forward market price curves in evaluating and recording the effects of commodity price risk.

***VaR Methodology*** — A VaR methodology is used to measure the amount of market risk that exists within the portfolio under a variety of market conditions. The resultant VaR produces an estimate of a portfolio's potential for loss given a specified confidence level and considers, among other things, market movements utilizing standard statistical techniques given historical and projected market prices and volatilities.

A Monte Carlo simulation methodology is used to calculate VaR and is considered by management to be the most effective way to estimate changes in a portfolio's value based on assumed market conditions for liquid markets. The use of this method requires a number of key assumptions, such as use of (i) an assumed confidence level; (ii) an assumed holding period ( *i.e.* , the time necessary for management action, such as to liquidate positions); and (iii) historical estimates of volatility and correlation data. The tables below detail certain VaR measures related to various portfolios of contracts.

***VaR for Underlying Generation Assets and Energy-Related Contracts Subject to Mark-to-Market (MtM) Accounting*** — This measurement estimates the potential loss in fair value, due to changes in market conditions, of all underlying generation assets and contracts marked-to-market in net income (through the end of 2018), based on a 95% confidence level and an assumed holding period of 60 days.

	Year Ended December 31,	
	2017	2016
Month-end average VaR:	\$ 92	\$ 65
Month-end high VaR:	\$ 140	\$ 119
Month-end low VaR:	\$ 62	\$ 30

The increase in the month-end high VaR risk measure in 2017 reflected lower seasonal natural gas to power correlations in early 2017 and increased natural gas volatility.

### Interest Rate Risk

The following table provides information concerning our financial instruments at December 31, 2017 and 2016 that are sensitive to changes in interest rates. Debt amounts consist of the Vistra Operations Credit Facilities. See Note 12 to the Financial Statements for further discussion of these financial instruments.

	Expected Maturity Date										
	(millions of dollars, except percentages)										
	2018	2019	2020	2021	2022	There-after	2017 Total Carrying Amount	2017 Total Fair Value	2016 Total Carrying Amount	2016 Total Fair Value	
Long-term debt, including current maturities (a):											
Variable rate debt amount	\$ 39	\$ 39	\$ 39	\$ 39	\$ 39	\$ 4,116	\$ 4,311	\$ 4,334	\$ 4,500	\$ 4,552	
Average interest rate (b)	3.98%	3.98%	3.98%	3.98%	3.98%	3.98%	3.98%		4.78%		
Debt swapped to fixed (c):											
Notional amount	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 3,000	\$ 3,000		\$ 3,000		
Average pay rate	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%	4.59%		5.82%		
Average receive rate	4.11%	4.11%	4.11%	4.11%	4.11%	4.11%	4.11%		4.52%		

(a) Capital leases, mandatorily redeemable preferred stock and the effects of unamortized premiums and discounts are excluded from the table.

(b) The weighted average interest rate presented is based on the rates in effect at December 31, 2017.

(c) Interest rate swaps became effective in January 2017 and have maturity dates through July 2023.

At December 31, 2017, the potential reduction of annual pretax earnings over the next 12 months due to a one percentage-point (100 basis points) increase in floating interest rates on long-term debt totaled approximately \$13 million, taking into account the interest rate swaps discussed in Note 12 to Financial Statements.

### Credit Risk

Credit risk relates to the risk of loss associated with nonperformance by counterparties. We minimize credit risk by evaluating potential counterparties, monitoring ongoing counterparty risk and assessing overall portfolio risk. This includes review of counterparty financial condition, current and potential credit exposures, credit rating and other quantitative and qualitative credit criteria. We also employ certain risk mitigation practices, including utilization of standardized master agreements that provide for netting and setoff rights, as well as credit enhancements such as margin deposits and customer deposits, letters of credit, parental guarantees and surety bonds. See Note 16 to the Financial Statements for further discussion of this exposure.

**Credit Exposure** — Our gross credit exposure (excluding collateral impacts) associated with retail and wholesale trade accounts receivable and net derivative assets arising from commodity contracts and hedging and trading activities totaled \$611 million at December 31, 2017.

At December 31, 2017, Retail Electricity segment credit exposure totaled \$469 million, including \$451 million of trade accounts receivable and \$18 million related to derivative assets. Cash deposits and letters of credit held as collateral for these receivables totaled \$44 million, resulting in a net exposure of \$425 million. We believe the risk of material loss (after consideration of bad debt allowances) from nonperformance by these customers is unlikely based upon historical experience. Allowances for uncollectible accounts receivable are established for the potential loss from nonpayment by these customers based on historical experience, market or operational conditions and changes in the financial condition of large business customers.

At December 31, 2017 , Wholesale Generation segment credit exposure totaled \$142 million including \$81 million related to derivative assets and \$61 million of trade accounts receivable, after taking into account master netting agreement provisions but excluding collateral impacts.

Including collateral posted to us by counterparties, our net Wholesale Generation segment exposure was \$136 million , substantially all of which is with investment grade customers as seen in the following table that presents the distribution of credit exposure at December 31, 2017 . Credit collateral includes cash and letters of credit, but excludes other credit enhancements such as guarantees or liens on assets.

	<b>Exposure Before Credit Collateral</b>	<b>Credit Collateral</b>	<b>Net Exposure</b>
Investment grade	\$ 132	\$ —	\$ 132
Below investment grade or no rating	10	6	4
Totals	<u>\$ 142</u>	<u>\$ 6</u>	<u>\$ 136</u>

Significant (10% or greater) concentration of credit exposure exists with three counterparties, which represented an aggregate \$102 million, or 75%, of the total net exposure. We view exposure to these counterparties to be within an acceptable level of risk tolerance due to the counterparties' credit ratings, each of which is rated as investment grade, the counterparties' market role and deemed creditworthiness and the importance of our business relationship with the counterparties. An event of default by one or more counterparties could subsequently result in termination-related settlement payments that reduce available liquidity if amounts such as margin deposits are owed to the counterparties or delays in receipts of expected settlements owed to us.

Contracts classified as "normal" purchase or sale and non-derivative contractual commitments are not marked-to-market in the financial statements and are excluded from the detail above. Such contractual commitments may contain pricing that is favorable considering current market conditions and therefore represent economic risk if the counterparties do not perform.

At December 31, 2017 , interest rate swap exposure in the Corporate and Other non-segment totaled \$18 million. There are no collateral offsets. The counterparty credit rating is investment grade.



## FORWARD-LOOKING STATEMENTS

This report and other presentations made by us contain "forward-looking statements." All statements, other than statements of historical facts, that are included in this report, or made in presentations, in response to questions or otherwise, that address activities, events or developments that may occur in the future, including such matters as activities related to our financial or operational projections, capital allocation, capital expenditures, liquidity, dividend policy, business strategy, competitive strengths, goals, future acquisitions or dispositions, development or operation of power generation assets, market and industry developments and the growth of our businesses and operations (often, but not always, through the use of words or phrases such as "intends," "plans," "will likely," "unlikely," "expected," "anticipated," "estimated," "should," "may," "projection," "target," "goal," "objective" and "outlook"), are forward-looking statements. Although we believe that in making any such forward-looking statement our expectations are based on reasonable assumptions, any such forward-looking statement involves uncertainties and risks and is qualified in its entirety by reference to the discussion under Item 1A. *Risk Factors* and Item 7., *Management's Discussion and Analysis of Financial Condition and Results of Operations* in this report and the following important factors, among others, that could cause our actual results to differ materially from those projected in or implied by such forward-looking statements:

- the actions and decisions of regulatory authorities;
- prohibitions and other restrictions on our operations due to the terms of our agreements;
- prevailing governmental policies and regulatory actions, including those of the Texas Legislature, the Governor of Texas, the U.S. Congress, the FERC, the NERC, the TRE, the PUCT, the RCT, the NRC, the EPA, the TCEQ the MSHA and the CFTC, with respect to, among other things:
  - allowed prices;
  - industry, market and rate structure;
  - purchased power and recovery of investments;
  - operations of nuclear generation facilities;
  - operations of fossil fueled generation facilities;
  - operations of mines;
  - acquisition and disposal of assets and facilities;
  - development, construction and operation of facilities;
  - decommissioning costs;
  - present or prospective wholesale and retail competition;
  - changes in tax laws and policies;
  - changes in and compliance with environmental and safety laws and policies, including National Ambient Air Quality Standards, the Cross-State Air Pollution Rule, the Mercury and Air Toxics Standard, regional haze program implementation and GHG and other climate change initiatives, and
  - clearing over-the-counter derivatives through exchanges and posting of cash collateral therewith;
- legal and administrative proceedings and settlements;
- general industry trends;
- economic conditions, including the impact of an economic downturn;
- weather conditions, including drought and limitations on access to water, and other natural phenomena, and acts of sabotage, wars or terrorist or cyber security threats or activities;
- our ability to collect trade receivables from counterparties;
- our ability to attract and retain profitable customers;
- our ability to profitably serve our customers;
- restrictions on competitive retail pricing;
- changes in wholesale electricity prices or energy commodity prices, including the price of natural gas;
- changes in prices of transportation of natural gas, coal, fuel oil and other refined products;
- changes in the ability of vendors to provide or deliver commodities as needed;
- changes in market heat rates in the ERCOT electricity market;
- our ability to effectively hedge against unfavorable commodity prices, including the price of natural gas, market heat rates and interest rates;
- population growth or decline, or changes in market supply or demand and demographic patterns, particularly in ERCOT;
- access to adequate transmission facilities to meet changing demands;
- changes in interest rates, commodity prices, rates of inflation or foreign exchange rates;
- changes in operating expenses, liquidity needs and capital expenditures;
- commercial bank market and capital market conditions and the potential impact of disruptions in U.S. and international credit markets;
- access to capital, the attractiveness of the cost and other terms of such capital and the success of financing and refinancing efforts, including availability of funds in capital markets;
- our ability to maintain prudent financial leverage;

- our ability to generate sufficient cash flow to make principal and interest payments in respect of, or refinance, our debt obligations;
- competition for new energy development and other business opportunities;
- our ability to successfully complete our solar generation project in a timely and cost-efficient manner or at all;
- inability of various counterparties to meet their obligations with respect to our financial instruments;
- changes in technology (including large scale electricity storage) used by and services offered by us;
- changes in electricity transmission that allow additional power generation to compete with our generation assets;
- our ability to attract and retain qualified employees;
- significant changes in our relationship with our employees, including the availability of qualified personnel, and the potential adverse effects if labor disputes or grievances were to occur;
- changes in assumptions used to estimate costs of providing employee benefits, including medical and dental benefits, pension and OPEB, and future funding requirements related thereto, including joint and several liability exposure under ERISA;
- hazards customary to the industry and the possibility that we may not have adequate insurance to cover losses resulting from such hazards;
- the impact of our obligations under the TRA;
- expectations regarding the Merger, including beliefs concerning stockholder and regulatory approvals;
- the occurrence of any event that could give rise to the termination of the Merger Agreement, including a termination of the Merger Agreement under circumstances that could require us to pay a termination fee;
- our ability to successfully integrate the businesses of Vistra Energy and Dynegy upon consummation of the Merger and our ability to successfully capture any projected synergies relating to the Merger, and
- actions by credit rating agencies.

Any forward-looking statement speaks only at the date on which it is made, and, except as may be required by law, we undertake no obligation to update any forward-looking statement to reflect events or circumstances after the date on which it is made or to reflect the occurrence of unanticipated events or circumstances. New factors emerge from time to time, and it is not possible for us to predict them. In addition, we may be unable to assess the impact of any such event or condition or the extent to which any such event or condition, or combination of events or conditions, may cause results to differ materially from those contained in or implied by any forward-looking statement. As such, you should not unduly rely on such forward-looking statements.

## **INDUSTRY AND MARKET INFORMATION**

Certain industry and market data and other statistical information used throughout this report are based on independent industry publications, government publications, reports by market research firms or other published independent sources, including certain data published by ERCOT, the PUCT and NYMEX. We did not commission any of these publications, reports or other sources. Some data is also based on good faith estimates, which are derived from our review of internal surveys, as well as the independent sources listed above. Industry publications, reports and other sources generally state that they have obtained information from sources believed to be reliable, but do not guarantee the accuracy and completeness of such information. While we believe that each of these studies, publications, reports and other sources is reliable, we have not independently investigated or verified the information contained or referred to therein and make no representation as to the accuracy or completeness of such information. Forecasts are particularly likely to be inaccurate, especially over long periods of time, and we do not know what assumptions were used in preparing such forecasts. Statements regarding industry and market data and other statistical information used throughout this report involve risks and uncertainties and are subject to change based on various factors.

**Item 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA**

**REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

To the shareholders and the Board of Directors of Vistra Energy Corp.

**Opinion on the Financial Statements**

We have audited the accompanying consolidated balance sheets of Vistra Energy Corp. and its subsidiaries (the "Company") as of December 31, 2017 and 2016 (Successor Company balance sheets), and the related statements of consolidated income (loss), consolidated comprehensive income (loss), consolidated cash flows, and consolidated equity, for the year ended December 31, 2017 and for the period October 3, 2016 through December 31, 2016 (Successor Company operations), the period January 1, 2016 through October 2, 2016 and the year ended December 31, 2015 (Predecessor Company operations), the related notes, and the schedule listed in the Index at Item 15(b) (collectively referred to as the "financial statements"). In our opinion, the Successor Company financial statements present fairly, in all material respects, the financial position of the Company as of December 31, 2017 and 2016, and the results of its operations and its cash flows, for the year ended December 31, 2017 and for the period October 3, 2016 through December 31, 2016, in conformity with accounting principles generally accepted in the United States of America. Further, in our opinion, the Predecessor Company financial statements present fairly, in all material respects, the results of operations and cash flows of the Predecessor Company for the period January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, in conformity with accounting principles generally accepted in the United States of America.

**Fresh-Start Reporting**

As discussed in Note 6 to the financial statements, on August 29, 2016 the Bankruptcy Court entered an order confirming the plan of reorganization which became effective on October 3, 2016. Accordingly, the accompanying financial statements have been prepared in conformity with Accounting Standards Codification Topic 852, *Reorganizations*, for the Successor Company as a new entity with assets, liabilities, and a capital structure having carrying values not comparable with prior periods as described in Note 1 to the financial statements.

**Basis for Opinion**

These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits, we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

/s/ Deloitte & Touche LLP

Dallas, TX  
February 26, 2018

We have served as the Company's auditor since 2002.

**VISTRA ENERGY CORP.**  
**STATEMENTS OF CONSOLIDATED INCOME (LOSS)**  
(Millions of Dollars, Except Per Share Amounts)

	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Operating revenues	\$ 5,430	\$ 1,191	\$ 3,973	\$ 5,370
Fuel, purchased power costs and delivery fees	(2,935)	(720)	(2,082)	(2,692)
Net gain from commodity hedging and trading activities	—	—	282	334
Operating costs	(973)	(208)	(664)	(834)
Depreciation and amortization	(699)	(216)	(459)	(852)
Selling, general and administrative expenses	(600)	(208)	(482)	(676)
Impairment of goodwill (Note 7)	—	—	—	(2,200)
Impairment of long-lived assets (Note 4)	(25)	—	—	(2,541)
Operating income (loss)	198	(161)	568	(4,091)
Other income (Note 21)	37	10	19	18
Other deductions (Note 21)	(5)	—	(75)	(93)
Interest expense and related charges (Note 10)	(193)	(60)	(1,049)	(1,289)
Impacts of Tax Receivable Agreement (Note 9)	213	(22)	—	—
Reorganization items (Note 5)	—	—	22,121	(101)
Income (loss) before income taxes	250	(233)	21,584	(5,556)
Income tax (expense) benefit (Note 8)	(504)	70	1,267	879
Net income (loss)	\$ (254)	\$ (163)	\$ 22,851	\$ (4,677)
Weighted average shares of common stock outstanding:				
Basic	427,761,460	427,560,620		
Diluted	427,761,460	427,560,620		
Net income (loss) per weighted average share of common stock outstanding:				
Basic	\$ (0.59)	\$ (0.38)		
Diluted	\$ (0.59)	\$ (0.38)		
Dividend declared per share of common stock	\$ —	\$ 2.32		

See Notes to the Consolidated Financial Statements.

**VISTRA ENERGY CORP.**  
**STATEMENTS OF CONSOLIDATED COMPREHENSIVE INCOME (LOSS)**  
(Millions of Dollars)

	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Net income (loss)	\$ (254)	\$ (163)	\$ 22,851	\$ (4,677)
Other comprehensive income (loss), net of tax effects:				
Effects related to pension and other retirement benefit obligations (net of tax (benefit) expense of \$(6), \$3, \$— and \$—)	(23)	6	—	—
Other comprehensive income, net of tax effects —cash flow hedges derivative value net loss related to hedged transactions recognized during the period (net of tax benefit of \$— in all periods)	—	—	1	2
Total other comprehensive income (loss)	(23)	6	1	2
Comprehensive income (loss)	\$ (277)	\$ (157)	\$ 22,852	\$ (4,675)

See Notes to the Consolidated Financial Statements.

**VISTRA ENERGY CORP.**  
**STATEMENTS OF CONSOLIDATED CASH FLOWS**  
(Millions of Dollars)

	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Cash flows — operating activities:				
Net income (loss)	\$ (254)	\$ (163)	\$ 22,851	\$ (4,677)
Adjustments to reconcile net income (loss) to cash provided by (used in) operating activities:				
Depreciation and amortization	835	285	532	995
Deferred income tax expense (benefit), net	418	(76)	(1,270)	(883)
Unrealized net (gain) loss from mark-to-market valuations of derivatives	116	176	36	(119)
Gain on extinguishment of liabilities subject to compromise (Note 5)	—	—	(24,344)	—
Net loss from adopting fresh start reporting (Note 6)	—	—	2,013	—
Contract claims adjustments of Predecessor (Note 5)	—	—	13	54
Noncash adjustment for estimated allowed claims related to debt (Note 5)	—	—	—	896
Adjustment to intercompany claims pursuant to Settlement Agreement (Note 5)	—	—	—	(1,037)
Impairment of goodwill (Note 7)	—	—	—	2,200
Impairment of long-lived assets (Note 4)	25	—	—	2,541
Write-off of intangible and other assets (Note 21)	—	—	45	84
Impacts of Tax Receivable Agreement (Note 9)	(213)	22	—	—
Increase in asset retirement obligation liability	112	—	—	—
Accretion expense	60	6	—	—
Other, net	69	1	63	57
Changes in operating assets and liabilities:				
Affiliate accounts receivable/payable — net	—	—	31	(4)
Accounts receivable — trade	7	135	(216)	17
Inventories	22	3	71	34
Accounts payable — trade	(30)	(79)	26	40
Commodity and other derivative contractual assets and liabilities	(1)	(48)	29	27
Margin deposits, net	146	(193)	(124)	129
Accrued interest	(10)	32	(10)	2
Alcoa contract settlement (Note 4)	238	—	—	—
Tax Receivable Agreement payment (Note 9)	(26)	—	—	—
Major plant outage deferral	(66)	—	—	—
Other — net assets	4	(2)	(3)	(22)
Other — net liabilities	(66)	(18)	19	(97)
Cash provided by (used in) operating activities	1,386	81	(238)	237

**VISTRA ENERGY CORP.**  
**CONDENSED STATEMENTS OF CONSOLIDATED CASH FLOWS**  
(Unaudited) (Millions of Dollars)

	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Cash flows — financing activities:				
Repayments/repurchases of debt (Note 12)	(191)	—	(2,655)	(21)
Incremental Term Loan B Facility (Note 12)	—	1,000	—	—
Special Dividend (Note 14)	—	(992)	—	—
Net proceeds from issuance of preferred stock (Note 5)	—	—	69	—
Payments to extinguish claims of TCEH first lien creditors (Note 5)	—	—	(486)	—
Payment to extinguish claims of TCEH unsecured creditors (Note 5)	—	—	(429)	—
Borrowings under TCEH DIP Roll Facilities and DIP Facility (Note 12)	—	—	4,680	—
TCEH DIP Roll Facilities and DIP Facility financing fees	—	—	(112)	(9)
Other, net	(10)	(2)	(8)	—
Cash provided by (used in) financing activities	(201)	6	1,059	(30)
Cash flows — investing activities:				
Capital expenditures	(114)	(48)	(230)	(337)
Nuclear fuel purchases	(62)	(41)	(33)	(123)
Solar development expenditures (Note 3)	(190)	—	—	—
Odessa acquisition (Note 3)	(355)	—	—	—
Lamar and Forney acquisition — net of cash acquired (Note 3)	—	—	(1,343)	—
Changes in restricted cash	186	48	233	(123)
Proceeds from sales of nuclear decommissioning trust fund securities (Note 21)	252	25	201	401
Investments in nuclear decommissioning trust fund securities (Note 21)	(272)	(30)	(215)	(418)
Notes/advances due from affiliates	—	—	(41)	(37)
Other, net	14	1	8	(13)
Cash used in investing activities	(541)	(45)	(1,420)	(650)
Net change in cash and cash equivalents	644	42	(599)	(443)
Cash and cash equivalents — beginning balance	843	801	1,400	1,843
Cash and cash equivalents — ending balance	\$ 1,487	\$ 843	\$ 801	\$ 1,400

See Notes to the Consolidated Financial Statements.



**VISTRA ENERGY CORP.**  
**CONSOLIDATED BALANCE SHEETS**  
(Millions of Dollars)

	Year Ended December 31,	
	2017	2016
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 1,487	\$ 843
Restricted cash (Note 21)	59	95
Trade accounts receivable — net (Note 21)	582	612
Inventories (Note 21)	253	285
Commodity and other derivative contractual assets (Note 16)	190	350
Margin deposits related to commodity contracts	30	213
Prepaid expense and other current assets	72	75
Total current assets	2,673	2,473
Restricted cash (Note 21)	500	650
Investments (Note 21)	1,240	1,064
Property, plant and equipment — net (Note 21)	4,820	4,443
Goodwill (Note 7)	1,907	1,907
Identifiable intangible assets — net (Note 7)	2,530	3,205
Commodity and other derivative contractual assets (Note 16)	58	64
Accumulated deferred income taxes (Note 8)	710	1,122
Other noncurrent assets	162	239
Total assets	\$ 14,600	\$ 15,167
<b>LIABILITIES AND EQUITY</b>		
Current liabilities:		
Long-term debt due currently (Note 12)	\$ 44	\$ 46
Trade accounts payable	473	479
Commodity and other derivative contractual liabilities (Note 16)	224	359
Margin deposits related to commodity contracts	4	41
Accrued taxes	58	31
Accrued taxes other than income	136	128
Accrued interest	16	33
Asset retirement obligations (Note 21)	99	55
Other current liabilities	297	332
Total current liabilities	1,351	1,504
Long-term debt, less amounts due currently (Note 12)	4,379	4,577
Commodity and other derivative contractual liabilities (Note 16)	102	2
Tax Receivable Agreement obligation (Note 9)	333	596
Asset retirement obligations (Note 21)	1,837	1,671
Other noncurrent liabilities and deferred credits (Note 21)	256	220
Total liabilities	8,258	8,570

**VISTRA ENERGY CORP.**  
**CONSOLIDATED BALANCE SHEETS**  
(Millions of Dollars)

	<u>Year Ended December 31,</u>	
Commitments and Contingencies (Note 13)		
Total equity (Note 14):		
Common stock (par value — \$0.01; number of shares authorized — 1,800,000,000) (shares outstanding: December 31, 2017 — 428,398,802; December 31, 2016 — 427,580,232)	4	4
Additional paid-in-capital	7,765	7,742
Retained deficit	(1,410)	(1,155)
Accumulated other comprehensive income (loss)	(17)	6
Total equity	6,342	6,597
Total liabilities and equity	<u>\$ 14,600</u>	<u>\$ 15,167</u>

See Notes to the Consolidated Financial Statements.

**VISTRA ENERGY CORP.**  
**STATEMENTS OF CONSOLIDATED EQUITY**  
(Millions of Dollars)

	Common Stock (Successor) / Capital Account (Predecessor)	Additional Paid-In Capital (Successor)	Retained Deficit (Successor)	Accumulated Other Comprehensive Income (Loss)	Total
<b>Shareholders' equity in Successor:</b>					
Balances at October 3, 2016	\$ —	\$ —	\$ —	\$ —	\$ —
Shares issued upon Emergence	4	7,737	—	—	7,741
Effects of stock-based compensation	—	4	—	—	4
Other issuances of common stock	—	1	—	—	1
Net loss	—	—	(163)	—	(163)
Dividends declared on common stock	—	—	(992)	—	(992)
Pension and OPEB liability — change in funded status	—	—	—	6	6
Balances at December 31, 2016	\$ 4	\$ 7,742	\$ (1,155)	\$ 6	\$ 6,597
Net income	—	—	(254)	—	(254)
Effects of stock-based compensation	—	23	—	—	23
Pension and OPEB liability — change in funded status	—	—	—	(23)	(23)
Other	—	—	(1)	—	(1)
Balances at December 31, 2017	\$ 4	\$ 7,765	\$ (1,410)	\$ (17)	\$ 6,342
<b>Membership interests in Predecessor:</b>					
Balances at December 31, 2014	\$ (18,174)	\$ —	\$ —	\$ (35)	\$ (18,209)
Net income	(4,677)	—	—	—	(4,677)
Cash flow hedges — change during period	—	—	—	2	2
Balances at December 31, 2015	\$ (22,851)	\$ —	\$ —	\$ (33)	\$ (22,884)
Net income	22,851	—	—	—	22,851
Cash flow hedges — change during period	—	—	—	33	33
Balances at October 2, 2016	\$ —	\$ —	\$ —	\$ —	\$ —

See Notes to the Consolidated Financial Statements.

**VISTRA ENERGY CORP.**  
**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

**1. BUSINESS AND SIGNIFICANT ACCOUNTING POLICIES**

***Description of Business***

References in this report to "we," "our," "us" and "the Company" are to Vistra Energy and/or its subsidiaries in the Successor period, and to TCEH and/or its subsidiaries in the Predecessor periods, as apparent in the context. See *Glossary* for defined terms.

Vistra Energy is a holding company operating an integrated power business in Texas. Through our Luminant and TXU Energy subsidiaries, we are engaged in competitive electricity market activities including power generation, wholesale energy sales and purchases, commodity risk management and retail sales of electricity to end users. Prior to the Effective Date, TCEH was a holding company for subsidiaries principally engaged in the same activities as Vistra Energy.

Subsequent to the Effective Date, Vistra Energy has two reportable segments: our Wholesale Generation segment, consisting largely of Luminant, and our Retail Electricity segment, consisting largely of TXU Energy. Prior to the Effective Date, there were no reportable business segments for our Predecessor. See Note 20 for further information concerning reportable business segments.

On the Petition Date, EFH Corp. and the substantial majority of its direct and indirect subsidiaries, including the Debtors, filed voluntary petitions for relief under the Bankruptcy Code in the United States Bankruptcy Court for the District of Delaware.

On the Effective Date, subsidiaries of TCEH that were Debtors in the Chapter 11 Cases (the TCEH Debtors) and certain EFH Corp. subsidiaries (the Contributed EFH Debtors) completed their reorganization under the Bankruptcy Code and emerged from the Chapter 11 Cases as subsidiaries of a newly formed company, Vistra Energy (our Successor). On the Effective Date, Vistra Energy was spun-off from EFH Corp. in a tax-free transaction to the former first lien creditors of TCEH (Spin-Off). As a result, as of the Effective Date, Vistra Energy is a holding company for subsidiaries principally engaged in competitive electricity market activities including power generation, wholesale energy sales and purchases, commodity risk management and retail sales of electricity to end users. TCEH is the Predecessor to Vistra Energy. See Note 5 for further discussion regarding the Chapter 11 Cases.

***Basis of Presentation***

As of the Effective Date, Vistra Energy applied fresh start reporting under the applicable provisions of Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 852, *Reorganizations* (ASC 852). Fresh start reporting included (1) distinguishing the consolidated financial statements of the entity that was previously in restructuring (TCEH, or the Predecessor) from the financial statements of the entity that emerges from restructuring (Vistra Energy, or the Successor), (2) accounting for the effects of the Plan of Reorganization, (3) assigning the reorganization value of the Successor entity by measuring all assets and liabilities of the Successor entity at fair value, and (4) selecting accounting policies for the Successor entity. The financial statements of Vistra Energy for periods subsequent to the Effective Date are not comparable to the financial statements of TCEH for periods prior to the Effective Date, as those previous periods do not give effect to any adjustments to the carrying values of assets or amounts of liabilities that resulted from the Plan of Reorganization and the related application of fresh start reporting. The reorganization value of Vistra Energy was assigned to its assets and liabilities in conformity with the procedures specified by FASB ASC 805, *Business Combinations*, and the portion of the reorganization value that was not attributable to identifiable tangible or intangible assets was recognized as goodwill. See Note 6 for further discussion of fresh start reporting.

The consolidated financial statements of the Predecessor reflect the application of ASC 852 as it applies to entities that have filed a petition for bankruptcy under Chapter 11 of the Bankruptcy Code. As a result, the consolidated financial statements of the Predecessor have been prepared as if TCEH was a going concern and contemplated the realization of assets and liabilities in the normal course of business. During the Chapter 11 Cases, the Debtors operated their businesses as debtors-in-possession under the jurisdiction of the Bankruptcy Court and in accordance with the applicable provisions of the Bankruptcy Code. The guidance requires that transactions and events directly associated with the reorganization be distinguished from the ongoing operations of the business. In addition, the guidance provides for changes in the accounting and presentation of liabilities. Prior to the Effective Date, the Predecessor recorded the effects of the Plan of Reorganization in accordance with ASC 852. See *Predecessor Reorganization Items* in Note 5 for further discussion of these accounting and reporting changes.

The consolidated financial statements have been prepared in accordance with GAAP and on the same basis as the audited financial statements and related notes contained in our prospectus filed in May 2017 with the SEC pursuant to Rule 424(b) of the Securities Act. All intercompany items and transactions have been eliminated in consolidation. All dollar amounts in the financial statements and tables in the notes are stated in millions of U.S. dollars unless otherwise indicated.

### ***Use of Estimates***

Preparation of financial statements requires estimates and assumptions about future events that affect the reporting of assets and liabilities at the balance sheet dates and the reported amounts of revenue and expense, including fair value measurements, estimates of expected obligations, judgment related to the potential timing of events and other estimates. In the event estimates and/or assumptions prove to be different from actual amounts, adjustments are made in subsequent periods to reflect more current information.

### ***Derivative Instruments and Mark-to-Market Accounting***

We enter into contracts for the purchase and sale of electricity, natural gas, coal, uranium and other commodities utilizing instruments such as options, swaps, futures and forwards primarily to manage commodity price and interest rate risks. If the instrument meets the definition of a derivative under accounting standards related to derivative instruments and hedging activities, changes in the fair value of the derivative are recognized in net income as unrealized gains and losses. This recognition is referred to as mark-to-market accounting. The fair values of our unsettled derivative instruments under mark-to-market accounting are reported in the consolidated balance sheets as commodity and other derivative contractual assets or liabilities. We report derivative assets and liabilities in the consolidated balance sheets without taking into consideration netting arrangements we have with counterparties. Margin deposits that contractually offset these assets and liabilities are reported separately in the consolidated balance sheets, with the exception of certain margin amounts related to changes in fair value on certain CME transactions that, beginning in January 2017, are legally characterized as settlement of derivative contracts rather than collateral. When derivative instruments are settled and realized gains and losses are recorded, the previously recorded unrealized gains and losses and derivative assets and liabilities are reversed. See Notes 15 and 16 for additional information regarding fair value measurement and commodity and other derivative contractual assets and liabilities. A commodity-related derivative contract may be designated as a normal purchase or sale if the commodity is to be physically received or delivered for use or sale in the normal course of business. If designated as normal, the derivative contract is accounted for under the accrual method of accounting (not marked-to-market) with no balance sheet or income statement recognition of the contract until settlement.

Because derivative instruments are frequently used as economic hedges, accounting standards related to derivative instruments and hedging activities allow for hedge accounting, which provides for the designation of such instruments as cash flow or fair value hedges if certain conditions are met. At December 31, 2017 and 2016, there were no derivative positions accounted for as cash flow or fair value hedges.

For the Successor period, we report commodity hedging and trading results as revenue, fuel expense or purchased power in the statements of consolidated income (loss) depending on the type of activity. Electricity hedges, financial natural gas hedges and trading activities are primarily reported as revenue. Physical or financial hedges for coal, diesel or uranium, along with physical natural gas trades, are primarily reported as fuel expense. For the Predecessor periods, all activity was reported as a net gain (loss) from commodity hedging and trading activities. Realized and unrealized gains and losses associated with interest rate swap transactions are reported in the statements of consolidated income (loss) in interest expense for both the Predecessor and Successor.

### ***Revenue Recognition***

We record revenue from retail electricity sales under the accrual method of accounting. Revenues are recognized when electricity is provided to customers on the basis of periodic cycle meter readings and include an estimated accrual for the revenues earned from the meter reading date to the end of the period (unbilled revenue).

We record wholesale generation revenue on an accrual basis for transactions that are not accounted for on a mark-to-market basis. These revenues primarily consist of physical electricity sales to ERCOT at the resource node, ERCOT ancillary service revenue for reliability services and certain other electricity sales. Revenue is recognized when electricity and other services are metered by ERCOT or delivered to our customers. See *Derivative Instruments and Mark-to-Market Accounting* for revenue recognition related to derivative contracts.

### ***Advertising Expense***

We expense advertising costs as incurred and include them within selling, general and administrative expenses. Advertising expenses totaled \$44 million, \$9 million, \$35 million and \$44 million for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 and the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively.

### ***Impairment of Long-Lived Assets***

We evaluate long-lived assets (including intangible assets with finite lives) for impairment whenever indications of impairment exist. The carrying value of such assets is deemed to be impaired if the projected undiscounted cash flows are less than the carrying value. If there is such impairment, a loss would be recognized based on the amount by which the carrying value exceeds the fair value. Fair value is determined primarily by discounted cash flows, supported by available market valuations, if applicable. See Note 4 for discussion of impairments of certain long-lived assets recorded by the Predecessor.

Finite-lived intangibles identified as a result of fresh start reporting are amortized over their estimated useful lives based on the expected realization of economic effects. See Note 7 for details of intangible assets with indefinite lives, including discussion of fair value determinations.

### ***Goodwill and Intangible Assets with Indefinite Lives***

As part of fresh start reporting, reorganization value is generally allocated, first, to identifiable tangible assets, identifiable intangible assets and liabilities, then any remaining excess reorganization value is allocated to goodwill (see Note 6). We evaluate goodwill and intangible assets with indefinite lives for impairment at least annually, or when indications of impairment exist. As part of fresh start reporting, we have established October 1 as the date we evaluate goodwill and intangible assets with indefinite lives for impairment. The Predecessor's annual evaluation date was December 1. See Note 7 for details of goodwill, including discussion of fair value determinations and our Predecessor's goodwill impairments.

### ***Nuclear Fuel***

Nuclear fuel is capitalized and reported as a component of our property, plant and equipment in our consolidated balance sheets. Amortization of nuclear fuel is calculated on the units-of-production method and is reported as a component of fuel, purchased power costs and delivery fees in our statements of consolidated income (loss).

### ***Major Maintenance Costs***

Major maintenance costs incurred by the Successor during generation plant outages are deferred and amortized into operating costs over the period between the major maintenance outages for the respective asset. Other routine costs of maintenance activities are charged to expense as incurred and reported as operating costs in our statements of consolidated income (loss). The Predecessor charged all maintenance activities to expense as incurred.

### ***Defined Benefit Pension Plans and OPEB Plans***

On the Effective Date, EFH Corp. transferred sponsorship of certain employee benefit plans (including related assets), programs and policies to a subsidiary of Vistra Energy. Certain health care and life insurance benefits are offered to eligible employees and their dependents upon the retirement of such employee from the company and also offer pension benefits to eligible employees under collective bargaining agreements based on either a traditional defined benefit formula or a cash balance formula. Effective January 1, 2017, the OPEB plan was amended to discontinue the life insurance benefits for active employees. Costs of pension and OPEB plans are dependent upon numerous factors, assumptions and estimates.

Prior to the Effective Date, our Predecessor bore a portion of the costs of the EFH Corp. sponsored pension and OPEB plans and accounted for the arrangement under multiemployer plan accounting.

See Note 17 for additional information regarding pension and OPEB plans.

### ***Stock-Based Compensation***

Stock-based compensation is accounted for in accordance with ASC 718, *Compensation - Stock Compensation*. The fair value of our non-qualified stock options is estimated on the date of grant using the Black-Scholes option-pricing model. Forfeitures are recognized as they occur. We recognize compensation expense for graded vesting awards on a straight-line basis over the requisite service period for the entire award. See Note 18 for additional information regarding stock-based compensation.

### ***Sales and Excise Taxes***

Sales and excise taxes are accounted for as "pass through" items on the consolidated balance sheets with no effect on the statements of consolidated income (loss) ( *i.e.* , the tax is billed to customers and recorded as trade accounts receivable with an offsetting amount recorded as a liability to the taxing jurisdiction).

### ***Franchise and Revenue-Based Taxes***

Unlike sales and excise taxes, franchise and gross receipt taxes are not a "pass through" item. These taxes are imposed on us by state and local taxing authorities, based on revenues or kWh delivered, as a cost of doing business and are recorded as an expense. Rates we charge to customers are intended to recover our costs, including the franchise and gross receipt taxes, but we are not acting as an agent to collect the taxes from customers. We report franchise and revenue-based taxes in SG&A expense in our statements of consolidated income (loss).

### ***Income Taxes***

Subsequent to the Effective Date, Vistra Energy will file a consolidated U.S. federal income tax return. Prior to the Effective Date, EFH Corp. filed a consolidated U.S. federal income tax return that included the results of our Predecessor; however, our Predecessor's income tax expense and related balance sheet amounts were recorded as if it filed separate corporate income tax returns.

Deferred income taxes are provided for temporary differences between the book and tax basis of assets and liabilities as required under accounting rules. See Note 8 .

We report interest and penalties related to uncertain tax positions as current income tax expense. See Note 8 .

### ***Accounting for Contingencies***

Our financial results may be affected by judgments and estimates related to loss contingencies. Accruals for loss contingencies are recorded when management determines that it is probable that an asset has been impaired or a liability has been incurred and that such economic loss can be reasonably estimated. Such determinations are subject to interpretations of current facts and circumstances, forecasts of future events and estimates of the financial impacts of such events. See Note 13 for a discussion of contingencies.

### ***Cash and Cash Equivalents***

For purposes of reporting cash and cash equivalents, temporary cash investments purchased with a remaining maturity of three months or less are considered to be cash equivalents.

### ***Restricted Cash***

The terms of certain agreements require the restriction of cash for specific purposes. See Notes 12 and 21 for more details regarding restricted cash.



### ***Property, Plant and Equipment***

In connection with fresh start reporting, carrying amounts of property, plant and equipment were adjusted to estimated fair values as of the Effective Date (see Note 6 ). Significant improvements or additions to our property, plant and equipment that extend the life of the respective asset are capitalized at cost, while other costs are expensed when incurred. The cost of self-constructed property additions includes materials and both direct and indirect labor and applicable overhead, including payroll-related costs. Interest related to qualifying construction projects and qualifying software projects is capitalized in accordance with accounting guidance related to capitalization of interest cost. See Note 10 .

Depreciation of our property, plant and equipment (except for nuclear fuel) is calculated on a straight-line basis over the estimated service lives of the properties. Depreciation expense is calculated on an asset-by-asset basis. Estimated depreciable lives are based on management's estimates of the assets' economic useful lives. See Note 21 .

### ***Asset Retirement Obligations (ARO)***

A liability is initially recorded at fair value for an asset retirement obligation associated with the legal obligation associated with law, regulatory, contractual or constructive retirement requirements of tangible long-lived assets in the period in which it is incurred if a fair value is reasonably estimable. At initial recognition of an ARO obligation, an offsetting asset is also recorded for the long-lived asset that the liability corresponds with, which is subsequently depreciated over the estimated useful life of the asset. These liabilities primarily relate to our nuclear generation plant decommissioning, land reclamation related to lignite mining, removal of lignite/coal-fueled plant ash treatment facilities and generation plant asbestos removal and disposal costs. Over time, the liability is accreted for the change in present value and the initial capitalized costs are depreciated over the remaining useful lives of the assets. Generally, changes in estimates related to ARO obligations are recorded as increases or decreases to the liability and related asset as information becomes available. Changes in estimates related to assets that have been retired or for which capitalized costs are not recoverable are reflected in income. See Note 21 .

### ***Inventories***

Inventories consist of materials and supplies, fuel stock and natural gas in storage. Materials and supplies inventory is valued at weighted average cost and is expensed or capitalized when used for repairs/maintenance or capital projects, respectively. Fuel stock and natural gas in storage are reported at the lower of cost (on a weighted average basis) or market. We expect to recover the value of inventory costs in the normal course of business. See Note 21 .

### ***Investments***

Investments in a nuclear decommissioning trust fund are carried at current market value in the consolidated balance sheets. Assets related to employee benefit plans represent investments held to satisfy deferred compensation liabilities and are recorded at current market value. See Note 21 for discussion of these and other investments.

### ***Tax Receivable Agreement***

The Company accounts for its obligations under the Tax Receivable Agreement (TRA) as a liability in our consolidated balance sheets. The carrying value of the TRA obligation represents the discounted amount of projected payments under the TRA. The projected payments are based on certain assumptions, including but not limited to (a) the federal corporate income tax rate and (b) estimates of our taxable income in the current and future years. Our taxable income takes into consideration the current federal tax code and reflects our current estimates of future results of the business.

The carrying value of the obligation is being accreted to the amount of the gross expected obligation using the effective interest method. Changes in the estimated amount of this obligation resulting from changes to either the timing or amount of TRA payments are recognized in the period of change and are included on our statement of consolidated income (loss) under the heading of Impacts of Tax Receivable Agreement.

## **Changes in Accounting Standards**

In May 2014, the FASB issued Accounting Standards Update 2014-09, *Revenue from Contracts with Customers (Topic 606)*, which was further amended through several updates issued by the FASB in 2016 and 2017. The guidance under Topic 606 provides the core principle and key steps in determining the recognition of revenue and expands disclosure requirements related to revenue recognition. We adopted the new standard on January 1, 2018 using the modified retrospective method and elected the practical expedient available under Topic 606 for measuring progress toward complete satisfaction of a performance obligation and for disclosure requirements of remaining performance obligations. The practical expedient allows an entity to recognize revenue in the amount to which the entity has the right to invoice such that the entity has a right to the consideration in an amount that corresponds directly with the value to the customer for performance completed to date. In recent periods, we completed an assessment of all of our performance obligations in our contractual relationships and continued to assess the expanded disclosure requirements. The standard will require expanded disclosure related to revenue from contracts with customers and the related performance obligations. The adoption of the standard will not have a material effect on our results of operations, cash flows or financial condition.

In February 2016, the FASB issued Accounting Standards Update 2016-02 (ASU 2016-02), *Leases*. The ASU amends previous GAAP to require the recognition of lease assets and liabilities for operating leases. The ASU will be effective for fiscal years beginning after December 15, 2018, including interim periods within those years. Retrospective application to comparative periods presented will be required in the year of adoption. We are currently evaluating the impact of this ASU on our financial statements.

In November 2016, the FASB issued ASU 2016-18 *Statement of Cash Flows (Topic 230): Restricted Cash*. The ASU requires restricted cash to be included in the cash and cash equivalents and a reconciliation between the change in cash and cash equivalents and the amounts presented on the balance sheet. We adopted the new standard on January 1, 2018. The ASU will modify the presentation of our statement of consolidated cash flows, but will not have a material impact on our statement of consolidated net income and consolidated balance sheet.

In January 2017, the FASB issued ASU 2017-01 *Business Combinations (Topic 805): Clarifying the Definition of a Business*. The ASU provides an updated model for determining if acquired assets and liabilities constitute a business. In a business combination, the acquired assets and liabilities are recognized at fair value and goodwill could be recognized. In an asset acquisition, the assets are allocated value based on relative fair value and no goodwill is recognized. The ASU narrows the definition of a business. We adopted this standard in the first quarter of 2017. ASU 2017-01 did not have a material impact on our financial statements.

In January 2017, the FASB issued ASU 2017-04, *Intangibles – Goodwill and Other (Topic 350): Simplifying the Test for Goodwill Impairment* (ASU 2017-04). The ASU provides for the elimination of Step 2 from the goodwill impairment test. If impairment charges are recognized, the amount recorded will be the amount by which the carrying amount exceeds the reporting unit's fair value with certain limitations. We adopted this standard in the first quarter of 2017. ASU 2017-04 did not have a material impact on our financial statements.

## **2. MERGER AGREEMENT**

On October 29, 2017, Vistra Energy and Dynegy, entered into the Merger Agreement. Upon the terms and subject to the conditions set forth in the Merger Agreement, which has been approved by the boards of directors of Vistra Energy and Dynegy, Dynegy will merge with and into Vistra Energy, with Vistra Energy continuing as the surviving corporation. The Merger is intended to qualify as a tax-free reorganization under the Internal Revenue Code, as amended, so that none of Vistra Energy, Dynegy or any of the Dynegy stockholders will recognize any gain or loss in the transaction, except that Dynegy stockholders could recognize a gain or loss with respect to cash received in lieu of fractional shares of Vistra Energy's common stock. We expect that Vistra Energy will be the acquirer for both federal tax and accounting purposes.

Upon the closing of the Merger, each issued and outstanding share of Dynegy common stock, par value \$0.01 per share, other than shares owned by Vistra Energy or its subsidiaries, held in treasury by Dynegy or held by a subsidiary of Dynegy, will automatically be converted into the right to receive 0.652 shares of common stock, par value \$0.01 per share, of Vistra Energy (the Exchange Ratio), except that cash will be paid in lieu of fractional shares, which we expect will result in Vistra Energy's stockholders and Dynegy's stockholders owning approximately 79% and 21% , respectively, of the combined company. Dynegy stock options and equity-based awards outstanding immediately prior to the Effective Time will generally automatically convert upon completion of the Merger into stock options and equity-based awards, respectively, with respect to Vistra Energy's common stock, after giving effect to the Exchange Ratio.

The Merger Agreement also provides that, upon the closing of the Merger, the board of directors of the combined company will be comprised of 11 members, consisting of (a) the eight current directors of Vistra Energy and (b) three of Dynegy's current directors, of whom one will be a Class I director, one will be a Class II director and one will be a Class III director, unless the closing of the Merger occurs after the date of Vistra Energy's 2018 Annual Meeting of Stockholders, in which case one will be a Class I director and two will be Class II directors.

Completion of the Merger is subject to various customary conditions, including, among others, (a) approval by Vistra Energy's stockholders of the issuance of Vistra Energy's common stock in the Merger, (b) adoption of the Merger Agreement by Vistra Energy's stockholders and Dynegy's stockholders, (c) receipt of all requisite regulatory approvals, which includes approvals of the FERC, the PUCT, the Federal Communications Commission and the New York Public Service Commission, and the expiration or termination of the applicable waiting period under the Hart-Scott-Rodino Antitrust Improvements Act of 1976, (HSR Waiting Period) and (d) the approval of the listing of shares to be issued on the NYSE. Each party's obligation to consummate the Merger is also subject to certain additional customary conditions, including (i) subject to certain exceptions, the accuracy of the representations and warranties of the other party, (ii) performance in all material respects by the other party of its obligations under the Merger Agreement and (iii) the receipt by such party of an opinion from its counsel to the effect that the Merger will qualify as a tax-free reorganization within the meaning of the Code. The HSR Waiting Period expired on February 5, 2018.

The Merger Agreement contains customary representations, warranties and covenants of Vistra Energy and Dynegy, including, among others, covenants (a) to conduct their respective businesses in the ordinary course during the interim period between the execution of the Merger Agreement and completion of the Merger, (b) not to take certain actions during the interim period except with the consent of the other party, (c) that Vistra Energy and Dynegy will convene and hold meetings of their respective stockholders to obtain the required stockholder approvals, and (d) that the parties use their respective reasonable best efforts to take all actions necessary to obtain all governmental and regulatory approvals and consents (except that Vistra Energy shall not be required, and Dynegy shall not be permitted, to take any action that constitutes or would reasonably be expected to have certain specified burdensome effects). Each of Vistra Energy and Dynegy is also subject to restrictions on its ability to solicit alternative acquisition proposals and to provide information to, and engage in discussion with, third parties regarding such proposals, except under limited circumstances to permit Vistra Energy's and Dynegy's boards of directors to comply with their respective fiduciary duties.

The Merger Agreement contains certain termination rights for both Vistra Energy and Dynegy, including in specified circumstances in connection with an alternative acquisition proposal that has been determined to be a superior offer. Upon termination of the Merger Agreement, under specified circumstances (a) for a failure by Vistra Energy to obtain certain requisite regulatory approvals, Vistra Energy may be required to pay Dynegy a termination fee of \$100 million , (b) in connection with a superior offer, acquisition proposal or unforeseeable material intervening event, Vistra Energy may be required to pay a termination fee to Dynegy of \$100 million , and (c) in connection with a superior offer, acquisition proposal or an unforeseeable material intervening event, Dynegy may be required to pay to Vistra Energy a termination fee of \$87 million . In addition, if the Merger Agreement is terminated (i) because Vistra Energy's stockholders do not approve the issuance of Vistra Energy's common stock in the Merger or do not adopt the Merger Agreement, then Vistra Energy will be obligated to reimburse Dynegy for its reasonable out-of-pocket fees and expenses incurred in connection with the Merger Agreement, or (ii) because Dynegy's stockholders do not adopt the Merger Agreement, then Dynegy will reimburse Vistra Energy for its reasonable out-of-pocket fees and expenses incurred in connection with the Merger Agreement, each of which is subject to a cap of \$22 million . Such expense reimbursement may be deducted from the foregoing termination fees, if ultimately payable.

The Merger is subject to certain risks and uncertainties, and there can be no assurance that we will be able to complete the Merger on the expected timeline or at all.

**Merger Support Agreements** — Concurrently with the execution of the Merger Agreement, certain stockholders of Vistra Energy, including affiliates of Apollo Management Holdings L.P. (collectively, the Apollo Entities), affiliates of Brookfield Asset Management Private Institutional Capital Adviser (Canada), L.P. (collectively, the Brookfield Entities) and certain affiliates of Oaktree Capital Management, L.P. (Oaktree), such agreements representing in the aggregate approximately 34% of the shares of Vistra Energy's common stock as of October 29, 2017 that will be entitled to vote on the Merger, and certain stockholders of Dynegy, including Terawatt Holdings, LP, an affiliate of certain affiliated investment funds of Energy Capital Partners III, LLC (Terawatt) and certain affiliates of Oaktree, such agreements representing in the aggregate approximately 21% of the shares of Dynegy's common stock as of October 29, 2017 that will be entitled to vote on the Merger, have entered into the Merger Support Agreements, pursuant to which each such stockholder agreed to vote their shares of common stock of Vistra Energy or Dynegy, as applicable, to adopt the Merger Agreement, and in the case of stockholders of Vistra Energy, approve the stock issuance. The Merger Support Agreements will automatically terminate upon a change of recommendation by the applicable board of directors or the termination of the Merger Agreement in accordance with its terms.

### **3. ACQUISITION AND DEVELOPMENT OF GENERATION FACILITIES**

#### ***Odessa Acquisition (Successor)***

In August 2017, La Frontera Holdings, LLC (La Frontera), an indirect wholly owned subsidiary of Vistra Energy, purchased a 1,054 MW CCGT natural gas fueled generation plant (and other related assets and liabilities) located in Odessa, Texas (Odessa Facility) from Odessa-Ector Power Partners, L.P., an indirect wholly owned subsidiary of Koch Ag & Energy Solutions, LLC (Koch) (altogether, the Odessa Acquisition). La Frontera paid an aggregate purchase price of approximately \$355 million, plus a five-year earn-out provision, to acquire the Odessa Facility. The purchase price was funded by cash on hand.

The Odessa Acquisition was accounted for as an asset acquisition. Substantially all of the approximately \$355 million purchase price was assigned to property, plant and equipment in our consolidated balance sheet. Additionally, the initial fair value associated with an earn-out provision of approximately \$16 million was included as consideration in the overall purchase price. The earn-out provision requires cash payments to be made to Koch if spark-spreads related to the pricing point of the Odessa Facility exceed certain thresholds. Subsequent to the acquisition, the earn-out provision has been accounted for as a derivative in our consolidated financial statements.

#### ***Upton Solar Development (Successor)***

In May 2017, we acquired the rights to develop, construct and operate a utility scale solar photovoltaic power generation facility in Upton County, Texas (Upton). As part of this project, we entered a turnkey engineering, procurement and construction agreement to construct the approximately 180 MW facility. For the year ended December 31, 2017, we have spent approximately \$190 million related to this project primarily for progress payments under the engineering, procurement and construction agreement and the acquisition of the development rights. We currently estimate that the facility will begin operations in the spring of 2018.

#### ***Lamar and Forney Acquisition (Predecessor)***

In April 2016, Luminant purchased all of the membership interests in La Frontera, the indirect owner of two combined-cycle gas turbine (CCGT) natural gas fueled generation facilities representing nearly 3,000 MW of capacity located in ERCOT, from a subsidiary of NextEra Energy, Inc. (the Lamar and Forney Acquisition). The aggregate purchase price was approximately \$1.313 billion, which included the repayment of approximately \$950 million of existing project financing indebtedness of La Frontera at closing, plus approximately \$236 million for cash and net working capital. The purchase price was funded by cash-on-hand and additional borrowings under our Predecessor's DIP Facility totaling \$1.1 billion. After completing the acquisition, we repaid approximately \$230 million of borrowings under our Predecessor's DIP Revolving Credit Facility primarily utilizing cash acquired in the transaction. La Frontera and its subsidiaries were subsidiary guarantors under our Predecessor's DIP Roll Facilities and, on the Effective Date, became subsidiary guarantors under the Vistra Operations Credit Facilities (see Note 12).

**Predecessor Purchase Accounting** — The Lamar and Forney Acquisition was accounted for in accordance with ASC 805, *Business Combinations* (ASC 805), with identifiable assets acquired and liabilities assumed recorded at their estimated fair values on the acquisition date.

To fair value the acquired property, plant and equipment, we used a discounted cash flow analysis, classified as Level 3 within the fair value hierarchy levels (see Note 15 ). This discounted cash flow model was created for each generation facility based on its remaining useful life. The discounted cash flow model included gross margin forecasts for each power generation facility determined using forward commodity market prices obtained from long-term forecasts. We also used management's forecasts of generation output, operations and maintenance expense, SG&A and capital expenditures. The resulting cash flows, estimated based upon the age of the assets, efficiency, location and useful life, were then discounted using plant specific discount rates of approximately 9% .

The following table summarizes the consideration paid and the allocation of the purchase price to the fair value amounts recognized for the assets acquired and liabilities assumed related to the Lamar and Forney Acquisition as of the acquisition date. During the three months ended September 30, 2016, the working capital adjustment included in the purchase price was finalized between the parties, and the purchase price allocation was completed.

Cash paid to seller at close	\$	603
Net working capital adjustments		(4)
Consideration paid to seller		599
Cash paid to repay project financing at close		950
Total cash paid related to acquisition	\$	1,549
Cash and cash equivalents	\$	210
Property, plant and equipment — net		1,316
Commodity and other derivative contractual assets		47
Other assets		44
Total assets acquired		1,617
Commodity and other derivative contractual liabilities		53
Trade accounts payable and other liabilities		15
Total liabilities assumed		68
Identifiable net assets acquired	\$	1,549

The Lamar and Forney Acquisition did not result in the recording of goodwill since the purchase price did not exceed the fair value of the net assets acquired.

**Unaudited Pro Forma Financial Information** — The following unaudited pro forma financial information for the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015 assumes that the Lamar and Forney Acquisition occurred on January 1, 2015. The unaudited pro forma financial information is provided for information purposes only and is not necessarily indicative of the results of operations that would have occurred had the Lamar and Forney Acquisition been completed on January 1, 2015, nor is the unaudited pro forma financial information indicative of future results of operations.

	Predecessor	
	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Revenues	\$ 4,116	\$ 6,133
Net income (loss)	\$ 22,835	\$ (4,671)

The unaudited pro forma financial information includes adjustments for incremental depreciation as a result of the fair value determination of the net assets acquired and interest expense on borrowings under our Predecessor's DIP Roll Facilities.

#### 4. DISPOSITION OF GENERATION FACILITIES

##### *Retirement of Generation Facilities*

Luminant announced plans to retire three power plants with a total installed nameplate generation capacity of approximately 4,167 MW and two lignite mines. The plants were retired in January and February 2018. Luminant decided to retire these units given that they are projected to be uneconomic based on current market conditions and given the significant environmental costs associated with operating such units. In the case of the Sandow units, the decision also reflected the execution of a Settlement Agreement discussed below. The following table details the units retired.

Name	Location (all in the state of Texas)	Fuel Type	Installed Nameplate Generation Capacity (MW)	Number of Units	Date Units Taken Offline
Monticello	Titus County	Lignite/Coal	1,880	3	January 4, 2018
Sandow	Milam County	Lignite	1,137	2	January 11, 2018
Big Brown	Freestone County	Lignite/Coal	1,150	2	February 12, 2018
Total			4,167	7	

In September and October 2017, we decided to retire our Monticello, Sandow and Big Brown plants and a related mine which supplies the Sandow plants. Management had previously announced its decisions to retire mines which supply the Monticello and Big Brown plants. The Monticello and Sandow plants were retired in January and the Big Brown plant in February 2018. We recorded a charge of approximately \$206 million related to the retirements, including employee-related severance costs, non-cash charges for writing off materials inventory and capitalized improvements and changes to the timing and amounts of asset retirement obligations for mining and plant-related reclamation at these facilities. The charge, all of which related to our Wholesale Generation segment, was recorded to operating costs and impairment of long-lived assets in our statements of consolidated income (loss). In addition, we will continue the ongoing reclamation work at the plants' mines.

In October 2017, the Company and Alcoa entered into a contract termination agreement pursuant to which the parties agreed to an early settlement of a long-standing power and mining agreement. In consideration for the early termination, Alcoa made a payment to Luminant of approximately \$238 million in October 2017. In the three months ended December 31, 2017, we recorded a gain related to the impacts of the Settlement Agreement in our consolidated financial statements totaling approximately \$11 million, which included the receipt of the cash payment, the acquisition of real property and the incurrence of certain liabilities and asset retirement obligations associated with the real property acquired, along with the elimination of a related electric supply contract intangible asset on our consolidated balance sheet (see Note 7). The contract had been important to the overall economic viability of the Sandow plant.

**Regulatory Review** — As part of the retirement process, Luminant filed notices with ERCOT, which triggered a reliability review regarding such proposed retirements. In October and November 2017, ERCOT determined the units were not needed for reliability, and the units were taken offline in January and February 2018.

##### *Gas Plant Sales Process*

In conjunction with the regulatory review process as part of the Merger Agreement with Dynegy Inc., we are conducting a competitive sales process for our Stryker Creek, Graham and Trinidad plants that would reduce our overall installed generation capacity in the ERCOT market. Pursuant to that sales process, we have classified our Stryker Creek, Graham and Trinidad natural gas generation facilities with a total installed nameplate generation capacity of approximately 1,559 MW as assets held-for sale. At December 31, 2017, these assets totaled \$16 million and are included in other current assets in the consolidated balance sheet.

##### *Impairment of Lignite/Coal Fueled Generation and Mining Assets*

We evaluated our generation assets for impairment during 2015 as a result of impairment indicators related to the continued decline in forecasted wholesale electricity prices in ERCOT. Our evaluations concluded that impairments existed, and the carrying values at our Big Brown, Martin Lake, Monticello, Sandow 4 and Sandow 5 generation facilities and related mining facilities were reduced in total by \$2.541 billion.

Our fair value measurement for these assets was determined based on an income approach that utilized probability-weighted estimates of discounted future cash flows, which were Level 3 fair value measurements (see Note 15 ). Key inputs into the fair value measurement for these assets included current forecasted wholesale electricity prices in ERCOT, forecasted fuel prices, capital and operating expenditure forecasts and discount rates.

## **5. EMERGENCE FROM CHAPTER 11 CASES**

On the Petition Date, EFH Corp. and the substantial majority of its direct and indirect subsidiaries, including EFIH, EFCH and TCEH, but excluding the Oncor Ring-Fenced Entities, filed voluntary petitions for relief under Chapter 11 of the United States Bankruptcy Code in the United States Bankruptcy Court for the District of Delaware. On the Effective Date, the TCEH Debtors and the Contributed EFH Debtors completed their reorganization under the Bankruptcy Code and emerged from the Chapter 11 Cases as subsidiaries of Vistra Energy.

### ***Separation of Vistra Energy from EFH Corp. and its Subsidiaries***

Upon the Effective Date, Vistra Energy separated from EFH Corp. pursuant to a tax-free spin-off transaction that was part of a series of transactions that included a taxable component. The taxable portion of the transaction generated a taxable gain that resulted in no regular tax liability due to available net operating loss carryforwards of EFH Corp. The transaction did result in an alternative minimum tax liability estimated to be approximately \$14 million payable by EFH Corp. to the IRS. Pursuant to the Tax Matters Agreement, Vistra Energy had an obligation to reimburse EFH Corp. 50% of the estimated alternative minimum tax, and approximately \$7 million was reimbursed during the three months ended June 30, 2017. In October 2017, the 2016 federal tax return that included the results of EFCH, EFIH, Oncor Holdings and TCEH was filed with the IRS and resulted in a \$3 million payment from EFH Corp. to Vistra Energy. The spin-off transaction resulted in Vistra Energy, including the TCEH Debtors and the Contributed EFH Debtors, no longer being an affiliate of EFH Corp. and its subsidiaries.

### ***Separation Agreement***

On the Effective Date, EFH Corp., Vistra Energy and a subsidiary of Vistra Energy entered into a separation agreement that provided for, among other things, the transfer of certain assets and liabilities by EFH Corp., EFCH and TCEH to Vistra Energy. Among other things, EFH Corp., EFCH and/or TCEH, as applicable, (a) transferred the TCEH Debtors and certain contracts and assets (and related liabilities) primarily related to the business of the TCEH Debtors to Vistra Energy, (b) transferred sponsorship of certain employee benefit plans (including related assets), programs and policies to a subsidiary of Vistra Energy and (c) assigned certain employment agreements from EFH Corp. and certain of the Contributed EFH Debtors to a subsidiary of Vistra Energy.

### ***Tax Matters Agreement***

On the Effective Date, Vistra Energy and EFH Corp. entered into the Tax Matters Agreement, which provides for the allocation of certain taxes among the parties and for certain rights and obligations related to, among other things, the filing of tax returns, resolutions of tax audits and preserving the tax-free nature of the spin-off.

### ***Settlement Agreement***

The Debtors, the Sponsor Group, certain settling TCEH first lien creditors, certain settling TCEH second lien creditors, certain settling TCEH unsecured creditors and the official committee of unsecured creditors of the TCEH Debtors entered into a settlement agreement (the Settlement Agreement) in August 2015 (as amended in September 2015 and approved by the Bankruptcy Court in December 2015) to settle, among other things, (a) intercompany claims among the Debtors, (b) claims and causes of actions against holders of first lien claims against TCEH and the agents under the TCEH Senior Secured Facilities, (c) claims and causes of action against holders of interests in EFH Corp. and certain related entities and (d) claims and causes of action against each of the Debtors' current and former directors, the Sponsor Group, managers and officers and other related entities.



## ***Tax Matters***

In July 2016, EFH Corp. received a private letter ruling from the IRS in connection with our emergence from bankruptcy, which provides, among other things, for certain rulings regarding the qualification of (a) the transfer of certain assets and ordinary course operating liabilities to Vistra Energy and (b) the distribution of the equity of Vistra Energy, the cash proceeds from Vistra Energy debt, the cash proceeds from the sale of preferred stock in a newly formed subsidiary of Vistra Energy, and the right to receive payments under a tax receivables agreement, to holders of TCEH first lien claims, as a reorganization qualifying for tax-free treatment.

## ***Pre-Petition Claims***

On the Effective Date, the TCEH Debtors (together with the Contributed EFH Debtors) emerged from the Chapter 11 Cases and discharged approximately \$33.8 billion in LSTC. Initial distributions related to the allowed claims asserted against the TCEH Debtors and the Contributed EFH Debtors commenced subsequent to the Effective Date. As of December 31, 2017, the TCEH Debtors have approximately \$52 million in escrow to (1) distribute to holders of currently contingent and/or disputed unsecured claims that become allowed and/or (2) make further distributions to holders of previously allowed unsecured claims, if applicable. Additionally, the TCEH Debtors have approximately \$7 million in escrow to pay remaining professional fees incurred in the Chapter 11 Cases. The remaining contingent and/or disputed claims against the TCEH Debtors consist primarily of unsecured legal claims, including asbestos claims. These remaining claims and the related escrow balance for the claims are recorded in Vistra Energy's consolidated balance sheet as other current liabilities and current restricted cash, respectively. A small number of other disputed, de minimis claims that are asserted as being entitled to priority and/or against the Contributed EFH Debtors, if allowed, will be paid by Vistra Energy, but all non-priority unsecured claims, including asbestos claims arising before the Petition Date, will be satisfied solely from the approximately \$52 million in escrow.

## ***Predecessor Reorganization Items***

Expenses and income directly associated with the Chapter 11 Cases are reported separately in the statements of consolidated income (loss) as reorganization items as required by ASC 852, *Reorganizations*. Reorganization items also included adjustments to reflect the carrying value of LSTC at their estimated allowed claim amounts, as such adjustments were determined. The following table presents reorganization items incurred in the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively, as reported in the statements of consolidated income (loss):

	<b>Predecessor</b>	
	<b>Period from January 1, 2016 through October 2, 2016</b>	<b>Year Ended December 31, 2015</b>
Gain on reorganization adjustments (Note 6)	\$ (24,252)	\$ —
Loss from the adoption of fresh start reporting	2,013	—
Expenses related to legal advisory and representation services	55	141
Expenses related to other professional consulting and advisory services	39	69
Contract claims adjustments	13	54
Noncash adjustment for estimated allowed claims related to debt	—	896
Adjustment to affiliate claims pursuant to Settlement Agreement (Note 19)	—	(635)
Gain on settlement of debt held by affiliates (Note 19)	—	(382)
Gain on settlement of interest on debt held by affiliates	—	(20)
Sponsor management agreement settlement	—	(19)
Contract assumption adjustments	—	(14)
Fees associated with extension/completion of the DIP Facility	—	9
Other	11	2
Total reorganization items	\$ (22,121)	\$ 101



## 6. FRESH START REPORTING

As of the Effective Date, Vistra Energy applied fresh start reporting under the applicable provisions of ASC 852. In order to apply fresh-start reporting, ASC 852 requires two criteria to be satisfied: (1) that total post petition liabilities and allowed claims immediately before the date of confirmation of the Plan of Reorganization be in excess of reorganization value and (2) that holders of our Predecessor's voting shares immediately before confirmation of the Plan receive less than 50% of the voting shares of the emerging entity. Vistra Energy met both criteria. Under ASC 852, application of fresh start reporting is required on the date on which a plan of reorganization is confirmed by a bankruptcy court and all material conditions to the plan of reorganization are satisfied. All material conditions to the Plan of Reorganization were satisfied on the Effective Date, including the execution of the Spin-Off.

### *Reorganization Value*

A third-party valuation specialist submitted a report to the Bankruptcy Court in July 2016 assuming an emergence from bankruptcy as of December 31, 2016. This report provided an estimated value range for the total Vistra Energy enterprise. Management selected an enterprise value within that range of \$10.5 billion. The enterprise value submitted by the valuation specialist was based upon:

- historical financial information of our Predecessor for recent years and interim periods;
- certain internal financial and operating data of our Predecessor;
- certain financial, tax and operational forecasts of Vistra Energy;
- certain publicly available financial data for comparable companies to the operating business of Vistra Energy;
- the Plan of Reorganization and related documents;
- certain economic and industry information relevant to the operating business, and
- other studies, analyses and inquiries.

The valuation analysis for Vistra Energy included (i) a discounted cash flow calculation and (ii) peer group company analysis. Equal weighting was assigned to the two methodologies, before adding the value of the tax basis step-up resulting from certain transactions pursuant to the Plan of Reorganization, which was valued separately. The estimated future cash flows included annual forecasts through 2021. A terminal value was included in the discounted cash flow calculation using an exit multiple approach based on the cash flows of the final year of the forecast period.

The valuation analysis used a discount rate of approximately 7%. The determination of the discount rate takes into consideration the capital structure, credit ratings and current debt yields of comparable publicly traded companies as well as an estimate of return on equity that reflects historical market returns and current market volatility for the industry.

Although the Company believes the assumptions and estimates used by the valuation specialist to develop the enterprise value are reasonable and appropriate, different assumption and estimates could materially impact the analysis and resulting conclusions.

Under ASC 852, reorganization value is generally allocated, first, to identifiable tangible assets, identifiable intangible assets and liabilities, then any remaining excess reorganization value is allocated to goodwill. Vistra Energy estimates its reorganization value of assets at approximately \$15.161 billion as of October 3, 2016, which consists of the following:

Business enterprise value	\$	10,500
Cash excluded from business enterprise value		1,594
Deferred asset related to prepaid capital lease obligation		38
Current liabilities, excluding short-term portion of debt and capital leases		1,123
Noncurrent, non-interest bearing liabilities		1,906
Vistra Energy reorganization value of assets	\$	<u>15,161</u>

**Consolidated Balance Sheet**

The adjustments to TCEH's October 3, 2016 consolidated balance sheet below include the impacts of the Plan of Reorganization and the adoption of fresh start reporting.

	October 3, 2016			
	TCEH (Predecessor) (1)	Reorganization Adjustments (2)	Fresh Start Adjustments	Vistra Energy (Successor)
<b>ASSETS</b>				
Current assets:				
Cash and cash equivalents	\$ 1,829	\$ (1,028) (3)	\$ —	\$ 801
Restricted cash	12	131 (4)	—	143
Trade accounts receivable — net	750	4	—	754
Advances to parents and affiliates of Predecessor	78	(78)	—	—
Inventories	374	—	(86) (17)	288
Commodity and other derivative contractual assets	255	—	—	255
Margin deposits related to commodity contracts	42	—	—	42
Other current assets	47	17	3	67
Total current assets	3,387	(954)	(83)	2,350
Restricted cash	650	—	—	650
Advance to parent and affiliates of Predecessor	17	(21)	4	—
Investments	1,038	1	9 (18)	1,048
Property, plant and equipment — net	10,359	53	(5,970) (19)	4,442
Goodwill	152	—	1,755 (27)	1,907
Identifiable intangible assets — net	1,148	4	2,256 (20)	3,408
Commodity and other derivative contractual assets	73	—	(14)	59
Deferred income taxes	—	320 (5)	730 (21)	1,050
Other noncurrent assets	51	38	158 (22)	247
Total assets	\$ 16,875	\$ (559)	\$ (1,155)	\$ 15,161
<b>LIABILITIES AND EQUITY</b>				
Current liabilities:				
Long-term debt due currently	\$ 4	\$ 5	\$ (1)	\$ 8
Trade accounts payable	402	145 (6)	3	550
Trade accounts and other payables to affiliates of Predecessor	152	(152) (6)	—	—
Commodity and other derivative contractual liabilities	125	—	—	125
Margin deposits related to commodity contracts	64	—	—	64
Accrued income taxes	12	12	—	24
Accrued taxes other than income	119	4	—	123
Accrued interest	110	(109) (7)	—	1
Other current liabilities	243	170 (8)	5	418
Total current liabilities	1,231	75	7	1,313

October 3, 2016					
	TCEH (Predecessor) (1)	Reorganization Adjustments (2)	Fresh Start Adjustments	Vistra Energy (Successor)	
Long-term debt, less amounts due currently	—	3,476 (9)	151 (23)		3,627
Borrowings under debtor-in-possession credit facilities	3,387	(3,387) (9)	—		—
Liabilities subject to compromise	33,749	(33,749) (10)	—		—
Commodity and other derivative contractual liabilities	5	—	3		8
Deferred income taxes	256	(256) (11)	—		—
Tax Receivable Agreement obligation	—	574 (12)	—		574
Asset retirement obligations	809	—	854 (24)		1,663
Other noncurrent liabilities and deferred credits	1,018	117 (13)	(900) (25)		235
Total liabilities	40,455	(33,150)	115		7,420
Equity:					
Common stock	—	4 (14)	—		4
Additional paid-in-capital	—	7,737 (15)	—		7,737
Accumulated other comprehensive income (loss)	(32)	22	10 (26)		—
Predecessor membership interests	(23,548)	24,828 (16)	(1,280) (26)		—
Total equity	(23,580)	32,591	(1,270)		7,741
Total liabilities and equity	\$ 16,875	\$ (559)	\$ (1,155)	\$	15,161

(1) Represents the consolidated balance sheet of TCEH as of October 3, 2016.

#### Reorganization adjustments

- (2) Includes the addition of certain assets and liabilities associated with the Contributed EFH Entities. Also includes EFH Corp.'s contribution of liabilities associated with certain employee benefit plans to Vistra Energy.
- (3) Net adjustments to cash, which represent distributions made or funding provided to an escrow account, classified as restricted cash, under the Plan of Reorganization, as follows:

<i>Sources (uses):</i>	
Net proceeds from PrefCo preferred stock sale	\$ 69
Addition of cash balances from the Contributed EFH Debtors	22
Payments to TCEH first lien creditors, including adequate protection	(486)
Payment to TCEH unsecured creditors (including \$73 million to escrow)	(502)
Payment of administrative claims to TCEH creditors	(53)
Payment of legal fees, professional fees and other costs (including \$52 million to escrow)	(78)
Net use of cash	\$ (1,028)

- (4) Increase in restricted cash primarily reflects amounts placed in escrow to satisfy certain secured claims, unsecured claims and professional fee obligations associated with the bankruptcy.
- (5) Reflects the deferred income tax impact of the Plan of Reorganization implementation, including cancellation of debts and adjustment of tax-basis for certain assets of PrefCo that issued mandatorily redeemable preferred stock as part of the Spin-Off.
- (6) Primarily reflects the reclassification of transmission and distribution service payables to Oncor from payables with affiliates to trade payables with third parties pursuant to the separation of Vistra Energy from EFH Corp. and payment of accrued professional fees and unsecured claimant obligations incurred in conjunction with Emergence.

- (7) Primarily reflects the payment of accrued interest and adequate protection to the TCEH first lien creditors on the Effective Date.
- (8) Primarily reflects the following:
- Reclassification of \$82 million from LSTC related to secured and unsecured claims and \$16 million in accrued professional fees from accounts payable to other current liabilities.
  - Additional accruals for \$23 million of change-in-control obligations and \$26 million in success fees triggered by Emergence, \$7 million in professional fees, and \$28 million of accrued liabilities related to the Contributed EFH Entities.
  - Payment of \$12 million in professional fees.
- (9) Reflects the conversion of the TCEH DIP Roll Facilities of \$3.387 billion to the Vistra Operations Credit Facilities at Emergence, the issuance and sale of mandatorily redeemable preferred stock of PrefCo for \$70 million, and the obligation related to a corporate office space lease contributed to Vistra Energy pursuant to the Plan of Reorganization. See Note 12 for additional details.
- (10) Reflects the elimination of TCEH's liabilities subject to compromise pursuant to the Plan of Reorganization (see Note 5). Liabilities subject to compromise were settled as follows in accordance with the Plan of Reorganization:

Notes, loans and other debt	\$	31,668
Accrued interest on notes, loans and other debt		646
Net liability under terminated TCEH interest rate swap and natural gas hedging agreements		1,243
Trade accounts payable and other expected allowed claims		192
Third-party liabilities subject to compromise		33,749
LSTC from the Contributed EFH Entities		8
Total liabilities subject to compromise		33,757
Fair value of equity issued to TCEH first lien creditors		(7,741)
TRA Rights issued to TCEH first lien creditors		(574)
Cash distributed and accruals for TCEH first lien creditors		(377)
Cash distributed for TCEH unsecured claims		(502)
Cash distributed and accruals for TCEH administrative claims		(60)
Settlement of affiliate balances		(99)
Net liabilities of contributed entities and other items		(60)
Gain on extinguishment of LSTC	\$	24,344

- (11) Reflects the deferred income tax impact of the Plan of Reorganization implementation, including cancellation of debts and adjustment of tax basis of certain assets of PrefCo.
- (12) Reflects the estimated present value of the TRA obligation. See Note 9 for further discussion of the TRA obligation valuation assumptions.
- (13) Primarily reflects the following:
- Addition of \$122 million in liabilities primarily related to benefit plan obligations associated with a pension plan and a health and welfare plan assumed by Vistra Energy pursuant to the Plan of Reorganization. See Note 17 for further discussion of the benefit plan obligations.
  - Payment of \$7 million in settlements related to split life insurance costs with a prior affiliate entity.
- (14) Reflects the issuance of approximately 427,500,000 shares of Vistra Energy common stock, par value of \$0.01 per share, to the TCEH first lien creditors. See Note 14.

- (15) Reflects adjustments to present Vistra Energy equity value at approximately \$7.741 billion based on a reconciliation from the \$10.5 billion enterprise value described above under *Reorganization Value* as depicted below:

Enterprise value	\$	10,500
Vistra Operations Credit Facility – Initial Term Loan B Facility		(2,871)
Vistra Operations Credit Facility – Term Loan C Facility		(655)
Accrual for post-Emergence claims satisfaction		(181)
Tax Receivable Agreement obligation		(574)
Preferred stock of PrefCo		(70)
Other items		(2)
Cash and cash equivalents		801
Restricted cash		793
Equity value at Emergence	\$	7,741
Common stock at par value	\$	4
Additional paid-in capital		7,737
Equity value	\$	7,741
Shares outstanding at October 3, 2016 (in millions)		427.5
Per share value	\$	18.11

- (16) Membership Interest impact of Plan of Reorganization are shown below:

Gain on extinguishment of LSTC	\$	24,344
Elimination of accumulated other comprehensive income		(22)
Change in control payments		(23)
Professional fees		(33)
Other items		(14)
Pretax gain on reorganization adjustments (Note 5)		24,252
Deferred tax impact of the Plan of Reorganization and Spin-off		576
Total impact to membership interests	\$	24,828

### ***Fresh start adjustments***

- (17) Reflects the reduction of inventory to fair value, including (1) adjustment of fuel inventory to current market prices, and (2) an adjustment to the fair value of materials and supplies inventory primarily used in our lignite/coal-fueled generation assets and related mining operations.
- (18) Reflects the \$12 million increase in the fair value of certain real property assets and \$3 million reduction of the fair value for other investments.
- (19) Reflects the change in fair value of property, plant and equipment related primarily to generation and mining assets as detailed below:

Property, Plant and Equipment	Adjustment	Fair Value
Generation plants and mining assets	\$ (6,057)	\$ 3,698
Land	140	490
Nuclear Fuel	(23)	157
Other equipment	(30)	97
<b>Total</b>	<b>\$ (5,970)</b>	<b>\$ 4,442</b>

We engaged a third-party valuation specialist to assist in preparing the values for our property, plant and equipment. For our generation plants and related mining assets, an income approach was utilized in valuing those assets based on discounted cash flow models that forecast the cash flows of the related assets over their respective useful lives. Significant estimates and assumptions utilized in those models include (1) long-term wholesale power price forecasts, (2) fuel cost forecasts, (3) expected generation volumes based on prevailing forecasts and expected maintenance outages, (4) operations and maintenance costs, (5) capital expenditure forecasts and (6) risk adjusted discount rates based on the cash flows produced by the specific generation asset. The fair value of the generation plants and mining assets is based upon Level 3 inputs utilized in the income approach.

The fair value estimates for land and nuclear fuel utilized the market approach, which included utilizing recent comparable sales information and current market conditions for similarly situated land. Nuclear fuel values were determined by utilizing market pricing information for uranium. The fair value of land and nuclear fuel are based upon Level 3 inputs.

- (20) Reflects the adjustment in fair value of \$2.256 billion to identifiable intangible assets, including \$1.636 billion increase related to retail customer relationships, \$270 million increase related to the retail trade name, \$190 million increase related to an electricity supply contract, \$164 million increase related to retail and wholesale contracts and \$4 million decrease related to other intangible assets (see Note 7 ).

Also reflects the reduction of fair value of \$476 million to identifiable intangible liabilities, including a reduction of \$525 million related to an electricity supply contract and an increase of \$49 million to wholesale contracts.

- (21) Reflects the deferred income tax impact of fresh-start adjustments to property, plant, and equipment, inventory, intangibles and debt issuance costs.

- (22) Primarily reflects the following:

- Addition of \$197 million regulatory asset related to the deficiency of the nuclear decommissioning trust investment as compared to the nuclear generation plant retirement obligation. Pursuant to Texas regulatory provisions, the trust fund for decommissioning our nuclear generation facility is funded by a fee surcharge billed to REPs by Oncor, as a collection agent, and remitted monthly to Vistra Energy.
- Adjustment to remove \$26 million of unamortized debt issuance costs to reflect the Vistra Operations Credit Facilities at fair market value.

- (23) Reflects the increase in fair value of the Vistra Operations Credit Facilities in the amount of \$151 million based on the quoted market prices of the facilities.

- (24) Increase in fair value of asset retirement obligation related to the plant retirement, mining and reclamation retirement, and coal combustion residuals. See Note 21 for further discussion of our asset retirement obligations.

- (25) Reflects the following:

- Reduction in fair value of unfavorable contracts related to wholesale contracts and a portion of an electricity supply contract in the amount of \$476 million . See footnote (20) above for further detail.
- Reduction of \$465 million related to reduction in liability that represented excess amounts in the nuclear decommissioning trust above the carrying value of the asset retirement obligation related to our nuclear generation plant decommissioning.
- Increase in fair value of obligations related to leased property in the amount of \$29 million .
- Increase in fair value of Pension and OPEB obligations in the amount of \$12 million .

- (26) Reflects the extinguishment of Predecessor membership interest and accumulated other comprehensive loss per the Plan of Reorganization.

- (27) Reflects increase in goodwill balance to present final goodwill as the reorganization value in excess of the identifiable tangible assets, intangible assets, and liabilities at Emergence.

Business enterprise value	\$	10,500
Add: Fair value of liabilities excluded from enterprise value		3,030
Less: Fair value of tangible assets		(8,215)
Less: Fair value of identified intangible assets		(3,408)
Vistra Energy goodwill	\$	1,907

## 7. GOODWILL AND IDENTIFIABLE INTANGIBLE ASSETS

### *Goodwill*

The carrying value of goodwill totaled \$1.907 billion at both December 31, 2017 and 2016 . The goodwill arose in connection with our application of fresh start reporting at Emergence and was allocated entirely to the Retail Electricity reporting unit (see Note 1 ). Of the goodwill recorded at Emergence, \$1.686 billion is deductible for tax purposes over 15 years on a straight-line basis.

Goodwill and intangible assets with indefinite useful lives are required to be evaluated for impairment at least annually or whenever events or changes in circumstances indicate an impairment may exist. As of the Effective Date, we have selected October 1 as our annual goodwill test date. On the most recent goodwill testing date, we applied qualitative factors and determined that it was more likely than not that the fair value of the Retail Electricity reporting unit exceeded its carrying value at October 1, 2017. Significant qualitative factors evaluated included reporting unit financial performance and market multiples, cost factors, customer attrition, interest rates and changes in reporting unit book value.

### *Predecessor Goodwill Impairments*

During the fourth quarter of 2015, our Predecessor performed a goodwill impairment analysis as of its annual testing date of December 1. Further, during the fourth quarter of 2015, there were significant declines in the market values of several similarly situated peer companies with publicly traded equity, which indicated our Predecessor's overall enterprise value should be reassessed. Our Predecessor's testing resulted in an impairment of goodwill of \$800 million at December 1, 2015.

During the first nine months of 2015, our Predecessor experienced impairment indicators related to decreases in forward wholesale electricity prices when compared to those prices reflected in its December 1, 2014 goodwill impairment testing analysis. As a result, the likelihood of goodwill impairments had increased, and our Predecessor initiated further testing of goodwill. Our Predecessor's testing of goodwill for impairment during the first nine months of 2015 resulted in impairment charges totaling \$1.4 billion .

### Identifiable Intangible Assets

Identifiable intangible assets are comprised of the following:

Identifiable Intangible Asset	December 31, 2017			December 31, 2016		
	Gross Carrying Amount	Accumulated Amortization	Net	Gross Carrying Amount	Accumulated Amortization	Net
Retail customer relationship	\$ 1,648	\$ 572	\$ 1,076	\$ 1,648	\$ 152	\$ 1,496
Software and other technology-related assets	183	47	136	147	9	138
Electricity supply contract (a)	—	—	—	190	2	188
Retail and wholesale contracts	154	87	67	164	38	126
Other identifiable intangible assets (b)	33	11	22	30	2	28
Total identifiable intangible assets subject to amortization	\$ 2,018	\$ 717	1,301	\$ 2,179	\$ 203	1,976
Retail trade names (not subject to amortization)			1,225			1,225
Mineral interests (not currently subject to amortization)			4			4
Total identifiable intangible assets			\$ 2,530			\$ 3,205

(a) Contract terminated in October 2017. See Note 4 .

(b) Includes mining development costs and environmental allowances and credits.

Amortization expense related to finite-lived identifiable intangible assets (including the classification in the statements of consolidated income (loss)) consisted of:

Identifiable Intangible Asset	Statements of Consolidated Income (Loss) Line	Remaining useful lives at December 31, 2017 (weighted average in years)	Successor		Predecessor	
			Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Retail customer relationship	Depreciation and amortization	4	\$ 420	\$ 152	\$ 9	\$ 17
Software and other technology-related assets	Depreciation and amortization	3	38	9	44	60
Electricity supply contract	Operating revenues	0	6	2	—	—
Retail and wholesale contracts	Operating revenues/fuel, purchased power costs and delivery fees	3	59	38	—	—
Other identifiable intangible assets	Operating revenues/fuel, purchased power costs and delivery fees/depreciation and amortization	4	9	2	6	30
Total amortization expense (a)			\$ 532	\$ 203	\$ 59	\$ 107

(a) Amounts recorded in depreciation and amortization totaled \$463 million , \$162 million , \$58 million and \$85 million for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 and the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015 , respectively.



Following is a description of the separately identifiable intangible assets. In connection with fresh start reporting (see Note 6 ), the intangible assets were adjusted based on their estimated fair value as of the Effective Date, based on observable prices or estimates of fair value using valuation models.

- *Retail customer relationship* – Retail customer relationship intangible asset represents the fair value of our non-contracted retail customer base, including residential and business customers, and is being amortized using an accelerated method based on historical customer attrition rates and reflecting the expected pattern in which economic benefits are realized over their estimated useful life.
- *Retail trade names* – Our retail trade name intangible asset represents the fair value of the TXU Energy <sup>TM</sup> and 4Change Energy <sup>TM</sup> trade names, and was determined to be an indefinite-lived asset not subject to amortization. This intangible asset is evaluated for impairment at least annually in accordance with accounting guidance related to goodwill and other indefinite-lived intangible assets. Significant assumptions included within the development of the fair value estimate include TXU Energy's and 4Change Energy's estimated gross margins for future periods and implied royalty rates. On the most recent testing date, we determined that it was more likely than not that the fair value of our retail trade name intangible asset exceeded its carrying value at October 1, 2017.
- *Electricity supply contract* – The electricity supply contract represents a long-term fixed-price supply contract for the sale of electricity from one of our generation facilities that was measured at fair value at Emergence. The value of this contract under our Predecessor was recorded as an unfavorable liability due to prevailing market prices of electricity when the contract was established in 2007. Significant assumptions included in the fair value measurement for this contract include long-term wholesale electricity price forecasts and operating cost forecasts for the respective generation facility. This contract was terminated in October 2017. See Note 4 .
- *Retail and wholesale contracts* – These intangible assets represent the favorable value of various retail and wholesale contracts (both purchase and sale contracts) that were measured at fair value by utilizing prevailing market prices for commodities or services compared to the fixed prices contained in these agreements. The value of these contracts is being amortized using a method that is based on the monthly value of each contract measured at Emergence.

### ***Estimated Amortization of Identifiable Intangible Assets***

As of December 31, 2017 , the estimated aggregate amortization expense of identifiable intangible assets for each of the next five fiscal years is as shown below.

Year	Estimated Amortization Expense
2018	\$ 367
2019	\$ 268
2020	\$ 191
2021	\$ 142
2022	\$ 4

### ***Predecessor Intangible Impairments***

The impairments of generation facilities in 2015 (see Note 4 ) resulted in the impairment of the SO<sub>2</sub> allowances under the Clean Air Act's acid rain cap-and-trade program that are associated with those facilities to the extent they are not projected to be used at other sites. The fair market values of the SO<sub>2</sub> allowances were estimated to be de minimis based on Level 3 fair value estimates (see Note 15 ). Our Predecessor also impaired certain of its SO<sub>2</sub> allowances under the Cross-State Air Pollution Rule (CSAPR) related to the impaired generation facilities. Accordingly, in the year ended December 31, 2015, our Predecessor recorded noncash impairment charges of \$55 million (before deferred income tax benefit) in other deductions (see Note 21 ) related to its existing environmental allowances and credits intangible asset. SO<sub>2</sub> emission allowances granted under the acid rain cap-and-trade program were recorded as intangible assets at fair value in connection with purchase accounting in 2007. Additionally, the impairments of generation and related mining facilities in 2015 resulted in recording noncash impairment charges of \$19 million (before deferred income tax benefit) in other deductions (see Note 21 ) related to mine development costs (included in other identifiable intangible assets in the table above) at the facilities.

During 2015, our Predecessor determined that certain intangible assets related to favorable power purchase contracts should be evaluated for impairment. That conclusion was based on declines in wholesale electricity prices in ERCOT experienced during 2015. The fair value measurement was based on a discounted cash flow analysis of the contracts that compared the contractual price and terms of the contract to forecasted wholesale electricity and renewable energy credit (REC) prices in ERCOT. As a result of the analysis, our Predecessor recorded a noncash impairment charge of \$8 million (before deferred income tax benefit) in other deductions (see Note 21 ).

## 8. INCOME TAXES

Subsequent to the Effective Date, the TCEH Debtors and the Contributed EFH Debtors are included in Vistra Energy's consolidated federal income tax return and are no longer included in the consolidated federal income tax return of EFH Corp.

Prior to the Effective Date, EFH Corp. was the corporate parent of the EFH Corp. consolidated group, while TCEH and the Contributed EFH Debtors were classified as disregarded entities for U.S. federal income tax purposes. For the 2016 tax year (through the period until the Effective Date) EFH Corp. filed a U.S. federal income tax return in October 2017 that included the results of TCEH and the EFH Contributed Debtors. Pursuant to applicable U.S. Treasury regulations and published guidance of the IRS, corporations that are members of a consolidated group have joint and several liability for the taxes of such group.

Prior to the Effective Date, EFH Corp. and certain of its subsidiaries (including TCEH and the Contributed EFH Debtors) were parties to a Federal and State Income Tax Allocation Agreement, which provided, among other things, that any corporate member or disregarded entity in the EFH Corp. group was required to make payments to EFH Corp. in an amount calculated to approximate the amount of tax liability such entity would have owed if it filed a separate corporate tax return. Pursuant to the Plan of Reorganization, the TCEH Debtors and the Contributed EFH Debtors rejected this agreement on the Effective Date. See Note 5 for a discussion of the Tax Matters Agreement that was entered into on the Effective Date between EFH Corp. and Vistra Energy. Additionally, since the date of the Settlement Agreement, no further cash payments among the Debtors were made in respect of federal income taxes. The Settlement Agreement did not alter the allocation and payment for state income taxes, which continued to be settled prior to the Effective Date.

### *Income Tax Expense (Benefit)*

The components of our income tax expense (benefit) are as follows:

	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Current:				
U.S. Federal	\$ 72	\$ —	\$ (6)	\$ (17)
State	14	6	9	21
Total current	86	6	3	4
Deferred:				
U.S. Federal	417	(75)	(1,234)	(811)
State	1	(1)	(36)	(72)
Total deferred	418	(76)	(1,270)	(883)
Total	\$ 504	\$ (70)	\$ (1,267)	\$ (879)

Reconciliation of income taxes computed at the U.S. federal statutory rate to income tax expense (benefit) recorded:

	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Income (loss) before income taxes	\$ 250	\$ (233)	\$ 21,584	\$ (5,556)
Income taxes at the U.S. federal statutory rate of 35%	88	(82)	7,554	(1,945)
Nondeductible TRA accretion	(80)	5	—	—
Texas margin tax, net of federal benefit	13	3	(21)	—
Impacts of tax reform legislation on deferred taxes	451	—	—	—
Effects of Tax Matters Agreement and tax-free spin-off transaction	19	—	—	—
Nondeductible debt restructuring costs	—	2	38	64
Nondeductible interest expense	—	—	12	21
Nontaxable gain on extinguishment of LSTC	—	—	(8,593)	—
Valuation allowance	—	—	(210)	210
Nondeductible goodwill impairment	—	—	—	770
Lignite depletion allowance	—	—	—	(8)
Interest accrued for uncertain tax positions, net of tax	—	—	—	(2)
Other	13	2	(47)	11
Income tax expense (benefit)	\$ 504	\$ (70)	\$ (1,267)	\$ (879)
Effective tax rate	201.6%	30.0%	(5.9)%	15.8%

#### Deferred Income Tax Balances

Deferred income taxes provided for temporary differences based on tax laws in effect at December 31, 2017 and 2016 are as follows:

	December 31,	
	2017	2016
<b>Noncurrent Deferred Income Tax Assets</b>		
Net operating loss (NOL) carryforwards	\$ —	\$ 8
Property, plant and equipment	520	943
Intangible assets	81	29
Long-term debt	20	52
Employee benefit obligations	56	84
Commodity contracts and interest rate swaps	25	—
Other	8	6
Total deferred tax assets	\$ 710	\$ 1,122

At December 31, 2017, we had total deferred tax assets of approximately \$710 million that were substantially comprised of book and tax basis differences related to our generation and mining property, plant and equipment. Our deferred tax assets were significantly impacted by the TCJA that was signed into law in December 2017, which reduced the overall federal corporate rate from 35% to 21%. This rate change decreased our overall deferred tax asset balance by approximately \$451 million. As of December 31, 2017, we assessed the need for a valuation allowance related to our deferred tax asset and considered both positive and negative evidence related to the likelihood of realization of the deferred tax assets. In connection with that analysis, we concluded that it is more likely than not that the deferred tax assets would be fully utilized by future taxable income, and thus, no valuation allowance was recognized.

At December 31, 2017, we had no net operating loss (NOL) carryforwards for federal income tax purposes. At December 31, 2017, we had no alternative minimum tax (AMT) credit carryforwards available.

The income tax effects of the components included in accumulated other comprehensive income totaled a net deferred tax asset of \$6 million at December 31, 2017 and a net deferred tax liability of \$3 million at December 31, 2016.

### ***Liability for Uncertain Tax Positions***

Accounting guidance related to uncertain tax positions requires that all tax positions subject to uncertainty be reviewed and assessed with recognition and measurement of the tax benefit based on a "more-likely-than-not" standard with respect to the ultimate outcome, regardless of whether this assessment is favorable or unfavorable.

*Successor* — Vistra Energy and its subsidiaries file income tax returns in U.S. federal and state jurisdictions and are expected to be subject to examinations by the IRS and other taxing authorities. Vistra Energy has limited operational history and filed its first federal tax return in October 2017. Vistra Energy is not currently under audit for any period, and we had no uncertain tax positions at both December 31, 2017 and 2016.

*Predecessor* — EFH Corp. and its subsidiaries file or have filed income tax returns in U.S. Federal, state and foreign jurisdictions and are subject to examinations by the IRS and other taxing authorities. Examinations of income tax returns filed by EFH Corp. and any of its subsidiaries for the years ending prior to January 1, 2015 are complete. The IRS chose not to audit the tax return filed by EFH Corp. for the 2015 tax year. EFH Corp. filed a request for prompt determination of its 2016 tax return with the IRS in October 2017, and such return was accepted for expedited review in December 2017. As a result, the IRS audit of EFH Corp.'s 2016 tax return is currently in progress and is expected to conclude by April 2018. Texas franchise and margin tax return examinations have been completed.

In September 2016, EFH Corp. entered into a settlement agreement with the Texas Comptroller of Public Accounts (Comptroller) whereby the Comptroller agreed to release all claims and liabilities related to the EFH Corp. consolidated group's state taxes, including sales tax, gross receipts utility tax, franchise tax and direct pay tax, through the agreement date, in exchange for a release of all refund claims and a one-time payment of \$12 million. This settlement was entered and approved by the Bankruptcy Court in September 2016. As a result of the settlement, our Predecessor reduced the liability for uncertain tax positions by \$27 million.

In July 2016, EFH Corp. executed a Revenue Agent Report (RAR) with the IRS for the 2010 through 2013 tax years. As a result of the RAR, our Predecessor reduced the liability for uncertain tax positions by \$1 million, resulting in a reclassification to the accumulated deferred income tax liability. Total cash payment to be assessed by the IRS for tax years 2010 through 2013, but not expected to be paid during the pendency of the Chapter 11 Cases of the EFH Debtors, is approximately \$15 million, plus any interest that may be assessed.

In March 2016, EFH Corp. signed a RAR with the IRS for the 2014 tax year. No financial statement impacts resulted from the signing of the 2014 RAR.

In June 2015, EFH Corp. signed a RAR with the IRS for the 2008 and 2009 tax years. The Bankruptcy Court approved EFH Corp.'s signing of the RAR in July 2015. As a result of EFH Corp. signing this RAR, our Predecessor reduced the liability for uncertain tax positions by \$22 million, resulting in a \$18 million increase in noncurrent inter-company tax payable to EFH Corp., a \$2 million reclassification to the accumulated deferred income tax liability and the recording of a \$2 million income tax benefit. Total cash payment to be assessed by the IRS for tax years 2008 and 2009, but not paid during the pendency of the Chapter 11 Cases of the EFH Debtors, is approximately \$15 million, plus any interest that may be assessed.

Our Predecessor classified interest and penalties related to uncertain tax positions as current income tax expense. Ongoing accruals of interest after the IRS settlements were not material in 2015.

Noncurrent liabilities of our Predecessor included a total of \$4 million in accrued interest at December 31, 2015. The federal income tax benefit on the interest accrued on uncertain tax positions was recorded as accumulated deferred income taxes.

The following table summarizes the changes to the uncertain tax positions, reported in other noncurrent liabilities in the consolidated balance sheets, during the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively:

	Predecessor	
	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Balance at beginning of period, excluding interest and penalties	\$ 36	\$ 65
Reductions based on tax positions related to prior years	(1)	(11)
Settlements with taxing authorities	(35)	(18)
Balance at end of period, excluding interest and penalties	\$ —	\$ 36

### ***Tax Matters Agreement***

On the Effective Date, we entered into the Tax Matters Agreement with EFH Corp. whereby the parties have agreed to take certain actions and refrain from taking certain actions in order to preserve the intended tax treatment of the Spin-Off and to indemnify the other parties to the extent a breach of such agreement results in additional taxes to the other parties.

Among other things, the Tax Matters Agreement allocates the responsibility for taxes for periods prior to the Spin-Off between EFH Corp. and us. For periods prior to the Spin-Off: (a) Vistra Energy is generally required to reimburse EFH Corp. with respect to any taxes paid by EFH Corp. that are attributable to us and (b) EFH Corp. is generally required to reimburse us with respect to any taxes paid by us that are attributable to EFH Corp.

We are also required to indemnify EFH Corp. against taxes, under certain circumstance, if the IRS or another taxing authority successfully challenges the amount of gain relating to the PrefCo Preferred Stock Sale or the amount or allowance of EFH Corp.'s net operating loss deductions.

Subject to certain exceptions, the Tax Matters Agreement prohibits us from taking certain actions that could reasonably be expected to undermine the intended tax treatment of the Spin-Off or to jeopardize the conclusions of the private letter ruling we obtained from the IRS or opinions of counsel received by us or EFH Corp., in each case, in connection with the Spin-Off. Certain of these restrictions apply for two years after the Spin-Off.

Under the Tax Matters Agreement, we may engage in an otherwise restricted action if (a) we obtain written consent from EFH Corp., (b) such action or transaction is described in or otherwise consistent with the facts in the private letter ruling we obtained from the IRS in connection with the Spin-Off, (c) we obtain a supplemental private letter ruling from the IRS, or (d) we obtain an unqualified opinion of a nationally recognized law or accounting firm that is reasonably acceptable to EFH Corp. that the action will not affect the intended tax treatment of the Spin-Off.

## **9. TAX RECEIVABLE AGREEMENT OBLIGATION**

On the Effective Date, Vistra Energy entered into a tax receivable agreement (the TRA) with a transfer agent on behalf of certain former first lien creditors of TCEH. The TRA generally provides for the payment by us to holders of TRA Rights of 85% of the amount of cash savings, if any, in U.S. federal and state income tax that we realize in periods after Emergence as a result of (a) certain transactions consummated pursuant to the Plan of Reorganization (including the step-up in tax basis in our assets resulting from the PrefCo Preferred Stock Sale), (b) the tax basis of all assets acquired in connection with the Lamar and Forney Acquisition in April 2016 (see Note 3 ) and (c) tax benefits related to imputed interest deemed to be paid by us as a result of payments under the TRA, plus interest accruing from the due date of the applicable tax return.

Pursuant to the TRA, we issued the TRA Rights for the benefit of the first lien secured creditors of our Predecessor entitled to receive such TRA Rights under the Plan. Such TRA Rights are subject to various transfer restrictions described in the TRA and are entitled to certain registration rights more fully described in the Registration Rights Agreement (see Note 19 ).

During the year ended December 31, 2017, we recorded reductions to the carrying value of the TRA obligation totaling approximately \$295 million. The largest driver in the reduction to the TRA obligation carrying value primarily resulted from a change in the corporate tax rate from 35% to 21% related to tax reform legislation, which reduced the total expected undiscounted payments under the TRA from \$2.1 billion to \$1.2 billion. The value of the TRA obligation was also impacted by changes in the estimated timing of TRA payments resulting from changes in certain tax assumptions including (a) the impacts of Luminant's plan to retire its Monticello, Sandow 4, Sandow 5 and Big Brown generation plants and the impacts of the Alcoa settlement (see Note 4), (b) investment tax credits we expect to receive related to the Upton solar development project (see Note 3), (c) assets acquired in the Odessa Acquisition (see Note 3) and (d) the impacts of other forecasted tax amounts.

The following table summarizes the changes to the TRA obligation, reported as other current liabilities and Tax Receivable Agreement obligation in our consolidated balance sheets, for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016:

	Successor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016
TRA obligation at the beginning of the period	\$ 596	\$ 574
Accretion expense	82	22
Payments	(26)	—
Revaluation due to tax reform legislation	(233)	—
Changes in tax assumptions impacting timing of payments	(62)	—
TRA obligation at the end of the period	357	596
Less amounts due currently	(24)	—
Noncurrent TRA obligation at the end of the period	\$ 333	\$ 596

As of December 31, 2017, the estimated carrying value of the TRA obligation totaled \$357 million, which represents the discounted amount of projected payments under the TRA. The projected payments are based on certain assumptions, including but not limited to (a) the federal corporate income tax rate of 21% and (b) estimates of our taxable income in the current and future years. Our taxable income takes into consideration the current federal tax code and reflects our current estimates of future results of the business. Our estimates of taxable income did not consider the impact of the Merger. These assumptions are subject to change, and those changes could have a material impact on the carrying value of the TRA obligation. The aggregate amount of undiscounted payments under the TRA is estimated to be approximately \$1.2 billion, with more than half of such amount expected to be attributable to the first 15 tax years following Emergence, and the final payment expected to be made approximately 40 years following Emergence (assuming that the TRA is not terminated earlier pursuant to its terms).

The carrying value of the obligation is being accreted to the amount of the gross expected obligation using the effective interest method. Changes in the amount of this obligation resulting from changes to either the timing or amount of TRA payments are recognized in the period of change and measured using the discount rate inherent in the initial fair value of the obligation. During the year ended December 31, 2017, the Impacts of Tax Receivable Agreement on the statement of consolidated income (loss) totaled \$213 million, which represents the reduction to the carrying value of the TRA obligation discussed above and payments of \$26 million net of accretion expense totaling \$82 million. During the period from October 3, 2016 through December 31, 2016, the Impacts of the Tax Receivable Agreement represents accretion expense totaling \$22 million.

Under the Internal Revenue Code, a corporation's ability to utilize certain tax attributes, including depreciation, may be limited following an ownership change if the corporation's overall asset tax basis exceeds the overall fair market value of its assets (after making certain adjustments). The Spin-Off resulted in an ownership change and it is expected that the overall tax basis of our assets may have exceeded the overall fair market value of our assets at such time. As a result, there may be a limitation on our ability to claim a portion of our depreciation deductions for a five-year period. This limitation could have a material impact on our tax liabilities and on our obligations under the TRA Rights. In addition, any future ownership change of Vistra Energy following Emergence could likewise result in additional limitations on our ability to use certain tax attributes existing at the time of any such ownership change and have an impact on our tax liabilities and on our obligations with respect to the TRA Rights under the TRA.

# 10. INTEREST EXPENSE AND RELATED CHARGES

	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Interest paid/accrued post-Emergence	\$ 213	\$ 51	\$ —	\$ —
Interest paid/accrued on debtor-in-possession financing	—	—	76	63
Adequate protection amounts paid/accrued	—	—	977	1,233
Unrealized mark-to-market net (gains) losses on interest rate swaps	(29)	11	—	—
Capitalized interest	(7)	(3)	(9)	(11)
Other	16	1	5	4
Total interest expense and related charges	\$ 193	\$ 60	\$ 1,049	\$ 1,289

## Successor

Interest expense and related charges totaled \$193 million and \$60 million for the Successor for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, respectively. The weighted average interest rate applicable to the Vistra Operations Credit Facilities, taking into account the interest rate swaps discussed in Note 12, was 4.38% and 4.78% at December 31, 2017 and 2016, respectively.

## Predecessor

Interest expense for the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015 reflects interest paid and accrued on debtor-in-possession financing (see Note 12) and adequate protection amounts paid and accrued, as approved by the Bankruptcy Court in June 2014 for the benefit of secured creditors in exchange for their consent to the senior secured, super-priority liens contained in the DIP Facility. The interest rate applicable to the adequate protection amounts paid/accrued for the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015 was 4.95% and 4.69%, respectively.

The Bankruptcy Code generally restricts payment of interest on pre-petition debt, subject to certain exceptions. Other than amounts ordered or approved by the Bankruptcy Court, effective on the Petition Date, our Predecessor discontinued recording interest expense on outstanding pre-petition debt classified as LSTC. The table below shows contractual interest amounts, which are amounts due under the contractual terms of the outstanding debt, including debt subject to compromise during the Chapter 11 Cases. Interest expense reported in our statements of consolidated income (loss) does not include contractual interest on pre-petition debt classified as LSTC totaling \$640 million and \$897 million for the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively, which had been stayed by the Bankruptcy Court effective on the Petition Date. Adequate protection amounts paid/accrued presented below excludes interest paid/accrued on TCEH first-lien interest rate and commodity hedge claims totaling \$47 million and \$60 million for the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively, as such amounts are not included in contractual interest amounts below.

	Predecessor	
	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Contractual interest on debt classified as LSTC	\$ 1,570	\$ 2,070
Adequate protection amounts paid/accrued	930	1,173
Contractual interest on debt classified as LSTC not paid/accrued	\$ 640	\$ 897

## 11. EARNINGS PER SHARE

Basic earnings per share available to common shareholders are based on the weighted average number of common shares outstanding during the period. Diluted earnings per share is calculated using the treasury stock method and includes the effect of all potential issuances of common shares under stock-based incentive compensation arrangements.

	Successor					
	Year Ended December 31, 2017			Period from October 3, 2016 through December 31, 2016		
	Net Loss	Shares	Per Share Amount	Net Loss	Shares	Per Share Amount
Net loss available for common stock — basic	\$ (254)	427,761,460	\$ (0.59)	\$ (163)	427,560,620	\$ (0.38)
Net loss available for common stock — diluted	\$ (254)	427,761,460	\$ (0.59)	\$ (163)	427,560,620	\$ (0.38)

For the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, stock-based incentive compensation plan awards totaling 3,642,844 and 7,332,789 shares, respectively, were excluded from the calculation of diluted earnings per share because the effect would have been antidilutive.

## 12. LONG-TERM DEBT

### Successor

Amounts in the table below represent the categories of long-term debt obligations incurred by the Successor.

	December 31, 2017	December 31, 2016
Vistra Operations Credit Facilities (a)	\$ 4,323	\$ 4,515
Mandatorily redeemable subsidiary preferred stock (b)	70	70
8.82% Building Financing due semiannually through February 11, 2022 (c)	30	36
Capital lease obligations	—	2
Total long-term debt including amounts due currently	4,423	4,623
Less amounts due currently	(44)	(46)
Total long-term debt less amounts due currently	\$ 4,379	\$ 4,577

- (a) At December 31, 2017, borrowings under the Vistra Operations Credit Facilities in our consolidated balance sheet include debt premiums of \$21 million, debt discounts of \$2 million and debt issuance costs of \$7 million. At December 31, 2016, borrowings under the Vistra Operations Credit Facilities in our consolidated balance sheet include debt premiums of \$25 million, debt discounts of \$2 million and debt issuance costs of \$8 million.
- (b) Shares of mandatorily redeemable preferred stock in PrefCo issued as part of the spin-off of Vistra Energy from EFH Corp. (see Note 5). This subsidiary preferred stock is accounted for as a debt instrument under relevant accounting guidance.
- (c) Obligation related to a corporate office space capital lease transferred to Vistra Energy pursuant to the Plan of Reorganization. This obligation will be funded by amounts held in an escrow account that is reflected in other noncurrent assets in our consolidated balance sheets.

*Vistra Operations Credit Facilities* — At December 31, 2017, the Vistra Operations Credit Facilities consisted of up to \$5.171 billion in senior secured, first lien revolving credit commitments and outstanding term loans, consisting of revolving credit commitments of up to \$860 million (Revolving Credit Facility), initial term loans in the amount totaling \$2.821 billion (Initial Term Loan B Facility), incremental term loans totaling \$990 million (Incremental Term Loan B Facility, and together with the Initial Term Loan B Facility, the Term Loan B Facility) and letter of credit term loans totaling \$500 million (Term Loan C Facility). Principal amounts repaid on the Term Loan B Facility and the Term Loan C Facility cannot be reborrowed. Also in December 2017, although the size of the Revolving Credit Facility did not change, the letter of credit sub-facility of the Revolving Credit Facility was increased from \$600 million to \$715 million.



The Vistra Operations Credit Facilities and related available capacity at December 31, 2017 are presented below.

Vistra Operations Credit Facilities	Maturity Date	December 31, 2017		
		Facility Limit	Cash Borrowings	Available Capacity
Revolving Credit Facility (a)	August 4, 2021	\$ 860	\$ —	\$ 834
Initial Term Loan B Facility (b)(c)	August 4, 2023	2,850	2,821	—
Incremental Term Loan B Facility (c)	December 14, 2023	1,000	990	—
Term Loan C Facility (d)	August 4, 2023	650	500	7
<b>Total Vistra Operations Credit Facilities</b>		<b>\$ 5,360</b>	<b>\$ 4,311</b>	<b>\$ 841</b>

- (a) Facility to be used for general corporate purposes. Facility includes a \$715 million letter of credit sub-facility, of which \$26 million of letters of credit were outstanding at December 31, 2017 .
- (b) Facility used to repay all amounts outstanding under our Predecessor's DIP Facility and issuance costs for the DIP Roll Facilities, with the remaining balance used for general corporate purposes.
- (c) Cash borrowings under the Term Loan B Facility reflect required scheduled quarterly payment in annual amount equal to 1% of the original principal amount with the balance paid at maturity. Amounts paid cannot be reborrowed.
- (d) Facility used for issuing letters of credit for general corporate purposes. Borrowings under this facility were funded to collateral accounts that are reported as restricted cash in our consolidated balance sheets. Cash borrowings reflect a \$150 million principal reduction paid from restricted cash in December 2017. Amounts paid cannot be reborrowed. At December 31, 2017 , the restricted cash supported \$493 million in letters of credit outstanding (see Note 21 ), leaving \$7 million in available letter of credit capacity.

In February, August and December 2017, certain pricing terms for the Vistra Operations Credit Facility were amended. We accounted for these transactions as modifications of debt. At December 31, 2017 , cash borrowings under the Revolving Credit Facility bore interest based on applicable LIBOR rates, plus a fixed spread of 2.50% , and there were no outstanding borrowings. Letters of credit issued under the Revolving Credit Facility bore interest of 2.50% . Amounts borrowed under the Initial Term Loan B Facility and the Term Loan C Facility bore interest based on applicable LIBOR rates, subject to a 0.75% floor, plus a fixed spread of 2.50% . Amounts borrowed under the Incremental Term Loan B Facility bore interest based on applicable LIBOR rates, subject to a 0.75% floor, plus a fixed spread of 2.75% . At December 31, 2017 , the weighted average interest rate before taking into consideration interest rate swaps on outstanding borrowings was 4.02% , 4.20% and 3.83% under the Initial Term Loan B Facility, the Incremental Term Loan B Facility and the Term Loan C Facility, respectively. The Vistra Operations Credit Facilities also provide for certain additional fees payable to the agents and lenders, as well as availability fees payable with respect to any unused portions of the available Vistra Operations Credit Facilities.

In February 2018, certain pricing terms for the Vistra Operations Credit Facility were amended. Any amounts borrowed under the Revolving Credit Facility will bear interest based on applicable LIBOR rates plus 2.25% . Letters of credit issued under the Revolving Credit Facility will bear interest of 2.25% . Amounts borrowed under the Incremental Term Loan B Facility will bear interest based on applicable LIBOR rates plus 2.25% .

Obligations under the Vistra Operations Credit Facilities are secured by a lien covering substantially all of Vistra Operations' (and its subsidiaries') consolidated assets, rights and properties, subject to certain exceptions set forth in the Vistra Operations Credit Facilities.

The Vistra Operations Credit Facilities also permit certain hedging agreements to be secured on a pari passu basis with the Vistra Operations Credit Facilities in the event those hedging agreements met certain criteria set forth in the Vistra Operations Credit Facilities.

The Vistra Operations Credit Facilities provide for affirmative and negative covenants applicable to Vistra Operations (and its restricted subsidiaries), including affirmative covenants requiring it to provide financial and other information to the agents under the Vistra Operations Credit Facilities and to not change its lines of business, and negative covenants restricting Vistra Operations' (and its restricted subsidiaries') ability to incur additional indebtedness, make investments, dispose of assets, pay dividends, grant liens or take certain other actions, in each case except as permitted in the Vistra Operations Credit Facilities. Vistra Operations' ability to borrow under the Vistra Operations Credit Facilities is subject to the satisfaction of certain customary conditions precedent set forth therein.

The Vistra Operations Credit Facilities provide for certain customary events of default, including events of default resulting from non-payment of principal, interest or fees when due, material breaches of representations and warranties, material breaches of covenants in the Vistra Operations Credit Facilities or ancillary loan documents, cross-defaults under other agreements or instruments and the entry of material judgments against Vistra Operations. Solely with respect to the Revolving Credit Facility, and solely during a compliance period (which, in general, is applicable when the aggregate revolving borrowings and issued revolving letters of credit (in excess of \$100 million) exceed 30% of the revolving commitments), the agreement includes a covenant that requires the consolidated first lien net leverage ratio, which is based on the ratio of net first lien debt compared to an EBITDA calculation defined under the terms of the facilities, not to exceed 4.25 to 1.00. Although the period ended December 31, 2017 was not a compliance period, we would have been in compliance with this financial covenant if it was required to be tested at such date. Upon the existence of an event of default, the Vistra Operations Credit Facilities provide that all principal, interest and other amounts due thereunder will become immediately due and payable, either automatically or at the election of specified lenders.

*Maturities* — Long-term debt maturities at December 31, 2017 are as follows:

	<b>December 31, 2017</b>
2018	\$ 44
2019	44
2020	44
2021	45
2022	42
Thereafter	4,189
Unamortized premiums, discounts and debt issuance costs	15
Total long-term debt, including amounts due currently	<u>\$ 4,423</u>

*Interest Rate Swaps* — In the Successor period from October 3, 2016 through December 31, 2016, we entered into \$3.0 billion notional amount of interest rate swaps to hedge a portion of our exposure to our variable rate debt. The interest rate swaps, which became effective in January 2017, expire in July 2023 and effectively fix the interest rates between 4.50% and 4.88% on \$3.0 billion of our variable rate debt. The interest rate swaps are secured by a first lien secured interest on a pari passu basis with the Vistra Operations Credit Facilities.

#### ***Predecessor***

*DIP Roll Facilities* — In August 2016, the Predecessor entered into the DIP Roll Facilities. The facilities provided for up to \$4.250 billion in senior secured, super-priority financing. The DIP Roll Facilities were senior, secured, super-priority debtor-in-possession credit agreements by and among the TCEH Debtors, the lenders that were party thereto from time to time and an administrative and collateral agent. On the Effective Date, the DIP Roll Facilities converted to the Vistra Operations Credit Facilities discussed above. Net proceeds from the DIP Roll Facilities totaled \$3.465 billion and were used to repay \$2.65 billion outstanding borrowings under the former DIP Facility, fund a \$650 million collateral account used to backstop issuances of letters of credit and pay \$107 million of issuance costs. The remaining balance was used for general corporate purposes. Additionally, \$800 million of cash from collateral accounts under the former DIP Facility that was used to backstop letters of credit was released to the Predecessor to be used for general corporate purposes.

*DIP Facility* — The DIP Facility provided for up to \$3.375 billion in senior secured, super-priority financing. The DIP Facility was a senior, secured, super-priority credit agreement by and among the TCEH Debtors, the lenders that were party thereto from time to time and an administrative and collateral agent. As discussed above, in August 2016, all outstanding amounts under the DIP Facility were repaid using proceeds from the DIP Roll Facilities.

### 13. COMMITMENTS AND CONTINGENCIES

#### *Contractual Commitments*

At December 31, 2017, we had contractual commitments under energy-related contracts, leases and other agreements as follows.

	Coal purchase and transportation agreements	Pipeline transportation and storage reservation fees	Nuclear Fuel Contracts	Other Contracts
2018	\$ 12	\$ 39	\$ 120	\$ 158
2019	—	28	48	46
2020	—	28	47	55
2021	—	29	55	36
2022	—	29	32	89
Thereafter	—	141	193	194
Total	\$ 12	\$ 294	\$ 495	\$ 578

Amounts in other contracts include certain long-term service and maintenance contracts related to our generation assets. The table above excludes TRA and pension and OPEB plan obligations due to the uncertainty in the timing of those payments.

Expenditures under our coal purchase and coal transportation agreements totaled \$416 million, \$109 million, \$139 million and \$218 million for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 and the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively.

At December 31, 2017, future minimum lease payments under operating leases are as follows:

	Operating Leases (a)
2018	\$ 17
2019	15
2020	12
2021	10
2022	8
Thereafter	150
Total future minimum lease payments	\$ 212

(a) Includes operating leases with initial or remaining noncancellable lease terms in excess of one year.

Rent reported as operating costs, fuel costs and SG&A expenses totaled \$69 million, \$20 million, \$39 million and \$55 million for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 and the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively.

#### *Guarantees*

We have entered into contracts that contain guarantees to unaffiliated parties that could require performance or payment under certain conditions. As of December 31, 2017, there are no material outstanding claims related to our guarantee obligations, and we do not anticipate we will be required to make any material payments under these guarantees.

## ***Letters of Credit***

At December 31, 2017, we had outstanding letters of credit under the Vistra Operations Credit Facilities totaling \$519 million as follows:

- \$390 million to support commodity risk management collateral requirements in the normal course of business, including over-the-counter and exchange-traded transactions and collateral postings with ERCOT;
- \$45 million to support executory contracts and insurance agreements;
- \$55 million to support our REP financial requirements with the PUCT, and
- \$29 million for other credit support requirements.

## ***Litigation***

***Litigation Related to EPA Reviews*** — In June 2008, the EPA issued an initial request for information to Luminant under the EPA's authority under Section 114 of the Clean Air Act (CAA). The stated purpose of the request is to obtain information necessary to determine compliance with the CAA, including New Source Review standards and air permits issued by the TCEQ for the Big Brown, Monticello and Martin Lake generation facilities. In April 2013, Luminant received an additional information request from the EPA under Section 114 related to our Big Brown, Martin Lake and Monticello facilities as well as an initial information request related to our Sandow 4 generation facility.

In July 2012, the EPA sent Luminant a notice of violation alleging noncompliance with the CAA's New Source Review standards and the air permits at our Martin Lake and Big Brown generation facilities. In August 2013, the U.S. Department of Justice (DOJ), acting as the attorneys for the EPA, filed a civil enforcement lawsuit against Luminant in federal district court in Dallas, alleging violations of the CAA, including its New Source Review standards, at our Big Brown and Martin Lake generation facilities. In August 2015, the district court granted Luminant's motion to dismiss seven of the nine claims asserted by the EPA in the lawsuit. In August 2016, the EPA filed an amended complaint, eliminating one of the two remaining claims and withdrawing with prejudice a request for civil penalties in the other remaining claim. The EPA also filed a motion for entry of final judgment so that it could seek to appeal the district court's dismissal decision. In September 2016, Luminant filed a response opposing the EPA's motion for entry of final judgment. In October 2016, the district court denied the EPA's motion for entry of final judgment and agreed that the remaining claim must be fully adjudicated at the district court or withdrawn with prejudice before the EPA may appeal the dismissal decision.

In January 2017, the EPA dismissed its two remaining claims with prejudice and the district court entered final judgment in Luminant's favor. In March 2017, the EPA and the Sierra Club appealed the final judgment to the U.S. Court of Appeals for the Fifth Circuit (Fifth Circuit Court) and Luminant filed a motion in the district court to recover its attorney fees and costs. In April 2017, the district court stayed its consideration of Luminant's motion for attorney fees. In June 2017, the EPA and the Sierra Club filed their opening briefs in the Fifth Circuit Court. Luminant filed its response brief in August 2017. In September 2017, the EPA and the Sierra Club filed their reply briefs. The case has been set for oral argument at the Fifth Circuit Court in March 2018. We believe that we have complied with all requirements of the CAA and intend to vigorously defend against the remaining allegations. The lawsuit requests the maximum civil penalties available under the CAA to the government of up to \$32,500 to \$37,500 per day for each alleged violation, depending on the date of the alleged violation, and injunctive relief, including an order requiring the installation of best available control technology at the affected units. An adverse outcome could require substantial capital expenditures that cannot be determined at this time or retirement of the remaining plant, Martin Lake, at issue and could possibly require the payment of substantial penalties. The recent retirement of the Big Brown plant should have a favorable impact on this litigation. We cannot predict the outcome of these proceedings, including the financial effects, if any.

## **Greenhouse Gas Emissions**

In August 2015, the EPA finalized rules to address greenhouse gas (GHG) emissions from new, modified and reconstructed and existing electricity generation units, referred to as the Clean Power Plan. The rule for existing facilities would establish state-specific emissions rate goals to reduce nationwide CO<sub>2</sub> emissions related to affected units by over 30% from 2012 emission levels by 2030. A number of parties, including Luminant, filed petitions for review in the U.S. Court of Appeals for the District of Columbia Circuit (D.C. Circuit Court) for the rule for new, modified and reconstructed plants. In addition, a number of petitions for review of the rule for existing plants were filed in the D.C. Circuit Court by various parties and groups, including challenges from twenty-seven different states opposed to the rule as well as those from, among others, certain power generating companies, various business groups and some labor unions. Luminant also filed its own petition for review. In January 2016, a coalition of states, industry (including Luminant) and other parties filed applications with the U.S. Supreme Court (Supreme Court) asking that the Supreme Court stay the rule while the D.C. Circuit Court reviews the legality of the rule for existing plants. In February 2016, the Supreme Court stayed the rule pending the conclusion of legal challenges on the rule before the D.C. Circuit Court and until the Supreme Court disposes of any subsequent petition for review. Oral argument on the merits of the legal challenges to the rule was heard in September 2016 before the entire D.C. Circuit Court.

In March 2017, President Trump issued an Executive Order entitled *Promoting Energy Independence and Economic Growth* (Order). The Order covers a number of matters, including the Clean Power Plan. Among other provisions, the Order directs the EPA to review the Clean Power Plan and, if appropriate, suspend, revise or rescind the rules on existing and new, modified and reconstructed generating units. In April 2017, in accordance with the Order, the EPA published its intent to review the Clean Power Plan. In addition, the DOJ has filed motions seeking to abate those cases until the EPA concludes its review of the rules, including any new rulemaking that results from that review. In April 2017, the D.C. Circuit Court issued orders holding the cases in abeyance for 60 days and directing the EPA to provide status reports at 30-day intervals. The D.C. Circuit Court further ordered that all parties file supplemental briefs in May 2017 on whether the cases should be remanded to the EPA rather than held in abeyance. The D.C. Circuit Court entered additional 60-day abeyances in August 2017 and November 2017. The latest 60-day abeyance expired in January 2018, and the D.C. Circuit Court has yet to take further action on the EPA's request to continue the abeyance. In October 2017, the EPA issued a proposed rule that would repeal the Clean Power Plan. The proposed repeal focuses on what the EPA believes to be the unlawful nature of the Clean Power Plan and asks for public comment on the EPA's interpretations of its authority under the Clean Air Act. We currently plan to submit comments in response to the proposed repeal by April 2018. In December 2017, the EPA published an advance notice of proposed rulemaking (ANPR) soliciting information from the public as the EPA considers proposing a future rule. We currently plan on submitting comments by the February 2018 deadline. While we cannot predict the outcome of these rulemakings and related legal proceedings, or estimate a range of reasonably probable costs, if the rules are ultimately implemented or upheld as they were issued, they could have a material impact on our results of operations, liquidity or financial condition.

***Cross-State Air Pollution Rule (CSAPR)***

In July 2011, the EPA issued the CSAPR, compliance with which would have required significant additional reductions of sulfur dioxide (SO<sub>2</sub>) and nitrogen oxide (NO<sub>x</sub>) emissions from our fossil fueled generation units. In February 2012, the EPA released a final rule (Final Revisions) and a proposed rule revising certain aspects of the CSAPR, including increases in the emissions budgets for Texas and our generation assets as compared to the July 2011 version of the rule. In June 2012, the EPA finalized the proposed rule (Second Revised Rule).

The CSAPR became effective January 1, 2015. In July 2015, following a remand of the case from the Supreme Court to consider further legal challenges, the D.C. Circuit Court ruled in favor of Luminant and other petitioners, holding that the CSAPR emissions budgets over-controlled Texas and other states. The D.C. Circuit Court remanded those states' budgets to the EPA for prompt reconsideration. While Luminant planned to participate in the EPA's reconsideration process to develop increased budgets for the 1997 ozone standard that do not over-control Texas, the EPA instead responded to the remand by proposing a new rulemaking that created new NO<sub>x</sub> ozone season budgets for the 2008 ozone standard without addressing the over-controlling budgets for the 1997 standard. Comments on the EPA's proposal were submitted by Luminant in February 2016. In August 2016, the EPA disapproved certain aspects of Texas's infrastructure State Implementation Plan (SIP) for the 2008 ozone National Ambient Air Quality Standard and imposed a Federal Implementation Plan (FIP) in its place in October 2016. Texas filed a petition in the Fifth Circuit Court challenging the SIP disapproval and Luminant intervened in support of Texas's challenge. The parties moved to stay the case and the court responded by dismissing the petition with the right to reinstate as provided in the Fifth Circuit Court's rules. The State of Texas and Luminant have also both filed challenges in the D.C. Circuit Court challenging the EPA's FIP and those cases are currently pending before that court. With respect to Texas's SO<sub>2</sub> emission budgets, in June 2016, the EPA issued a memorandum describing the EPA's proposed approach for responding to the D.C. Circuit Court's remand for reconsideration of the CSAPR SO<sub>2</sub> emission budgets for Texas and three other states that had been remanded to the EPA by the D.C. Circuit Court. In the memorandum, the EPA stated that those four states could either voluntarily participate in the CSAPR by submitting a SIP revision adopting the SO<sub>2</sub> budgets that had been previously held invalid by the D.C. Circuit Court and the current annual NO<sub>x</sub> budgets or, if the state chooses not to participate in the CSAPR, the EPA could withdraw the CSAPR FIP by the fall of 2016 for those states and address any interstate transport and regional haze obligations on a state-by-state basis. Texas has not indicated that it intends to adopt the over-controlling budgets and, in November 2016, the EPA proposed to withdraw the CSAPR FIP addressing SO<sub>2</sub> and NO<sub>x</sub> for Texas. In September 2017, the EPA finalized its proposal to remove Texas from the annual CSAPR programs. The Sierra Club and the National Parks Conservation Association filed a petition for review in the D.C. Circuit Court challenging that final rule. Luminant has intervened on behalf of the EPA. As a result of the EPA's action, Texas electric generating units are no longer subject to the CSAPR annual SO<sub>2</sub> and NO<sub>x</sub> limits, but remain subject to the CSAPR's ozone season NO<sub>x</sub> requirements. While we cannot predict the outcome of future proceedings related to the CSAPR, including the EPA's recent actions concerning the CSAPR annual emissions budgets for affected states participating in the CSAPR program, based upon our current operating plans, including the recent retirements of our Monticello, Big Brown and Sandow 4 plants (see Note 4), we do not believe that the CSAPR itself will cause any material operational, financial or compliance issues to our business or require us to incur any material compliance costs.

### ***Regional Haze — Reasonable Progress and Long-Term Strategies***

The Regional Haze Program of the CAA establishes "as a national goal the prevention of any future, and the remedying of any existing, impairment of visibility in mandatory Class I federal areas, like national parks, which impairment results from man-made pollution." There are two components to the Regional Haze Program. First, states must establish goals for reasonable progress for Class I federal areas within the state and establish long-term strategies to reach those goals and to assist Class I federal areas in neighboring states to achieve reasonable progress set by those states towards a goal of natural visibility by 2064. In February 2009, the TCEQ submitted a SIP concerning regional haze (Regional Haze SIP) to the EPA. In December 2011, the EPA proposed a limited disapproval of the Regional Haze SIP due to its reliance on the Clean Air Interstate Rule (CAIR) instead of the EPA's replacement CSAPR program that the EPA finalized in July 2011. The EPA finalized the limited disapproval of Texas's Regional Haze SIP in June 2012. In August 2012, Luminant filed a petition for review in the Fifth Circuit Court challenging the EPA's limited disapproval of the Regional Haze SIP on the grounds that the CAIR continued in effect pending the D.C. Circuit Court's decision in the CSAPR litigation. In August 2012, Luminant filed a motion to intervene in a case filed by industry groups and other states and private parties in the D.C. Circuit Court challenging the EPA's limited disapproval and issuance of a FIP regarding the regional haze best available retrofit technology (BART) program. The Fifth Circuit Court case has since been transferred to the D.C. Circuit Court and consolidated with other pending BART program regional haze appeals. Briefing in the D.C. Circuit Court was completed in March 2017, and oral argument was held in November 2017.

In May 2014, the EPA issued requests for information under Section 114 of the CAA to Luminant and other generators in Texas related to the reasonable progress program. After releasing a proposed rule in November 2014 and receiving comments from a number of parties, including Luminant and the State of Texas in April 2015, the EPA issued a final rule in January 2016 approving in part and disapproving in part Texas' SIP for Regional Haze and issuing a FIP for Regional Haze. In the rule, the EPA asserts that the Texas SIP does not show reasonable progress in improving visibility for two areas in Texas and that its long-term strategy fails to make emission reductions needed to achieve reasonable progress in improving visibility in the Wichita Mountains of Oklahoma. The EPA's emission limits in the FIP assume additional control equipment for specific lignite/coal-fueled generation units across Texas, including new flue gas desulfurization systems (scrubbers) at seven electricity generating units and upgrades to existing scrubbers at seven generation units. Specifically, for Luminant, the EPA's FIP is based on new scrubbers at Big Brown Units 1 and 2 and Monticello Units 1 and 2 and scrubber upgrades at Martin Lake Units 1, 2 and 3, Monticello Unit 3 and Sandow Unit 4. Under the terms of the rule, subject to the legal proceedings described in the following paragraph, the scrubber upgrades would be required by February 2019, and the new scrubbers would be required by February 2021.

In March 2016, Luminant and a number of other parties, including the State of Texas, filed petitions for review in the Fifth Circuit Court challenging the FIP's Texas requirements. Luminant and other parties also filed motions to stay the FIP while the court reviews the legality of the EPA's action. In July 2016, the Fifth Circuit Court denied the EPA's motion to dismiss Luminant's challenge to the FIP and denied the EPA's motion to transfer the challenges Luminant, the other industry petitioners and the State of Texas filed to the D.C. Circuit Court. In addition, the Fifth Circuit Court granted the motions to stay filed by Luminant, the other industry petitioners and the State of Texas pending final review of the petitions for review. The case was abated until the end of November 2016 in order to allow the parties to pursue settlement discussions. Settlement discussions were unsuccessful, and in December 2016 the EPA filed a motion seeking a voluntary remand of the rule back to the EPA for further consideration of Luminant's pending request for administrative reconsideration. Luminant and some of the other petitioners filed a response opposing the EPA's motion to remand and filed a cross motion for vacatur of the rule in December 2016. In March 2017, the Fifth Circuit Court remanded the rule back to the EPA for reconsideration in light of the Court's prior determination that we and the other petitioners demonstrated a substantial likelihood that the EPA exceeded its statutory authority and acted arbitrarily and capriciously, but the Court denied all of the other pending motions. The stay of the rule (and the emission control requirements) remains in effect. In addition, the Fifth Circuit Court denied the EPA's motion to lift the stay as to parts of the rule implicated in the EPA's subsequent BART proposal and the Court is retaining jurisdiction of the case and requiring the EPA to file status reports on its reconsideration every 60 days. The recent retirements of our Monticello, Big Brown and Sandow 4 plants should have a favorable impact on this rulemaking and litigation. While we cannot predict the outcome of the rulemaking and legal proceedings, or estimate a range of reasonably possible costs, the result may have a material impact on our results of operations, liquidity or financial condition.



### ***Regional Haze — Best Available Retrofit Technology***

The second part of the Regional Haze Program subjects certain electricity generation units built between 1962 and 1977, to BART standards designed to improve visibility if such units cause or contribute to impairment of visibility in a federal class I area. BART reductions of SO<sub>2</sub> and NO<sub>x</sub> are required either on a unit-by-unit basis or are deemed satisfied by state participation in an EPA-approved regional trading program such as the CSAPR or other approved alternative program. In response to a lawsuit by environmental groups, the U.S. District Court for the District of Columbia (D.C. District Court) issued a consent decree in March 2012 that required the EPA to propose a decision on the Regional Haze SIP by May 2012 and finalize that decision by November 2012. The consent decree requires a FIP for any provisions that the EPA disapproves. The D.C. District Court has amended the consent decree several times to extend the dates for the EPA to propose and finalize a decision on the Regional Haze SIP. The consent decree was modified in December 2015 to extend the deadline for the EPA to finalize action on the determination and adoption of requirements for BART for electricity generation. Under the amended consent decree, the EPA had until December 2016 to propose, and had until September 2017 to finalize, either approval of the state plan or a FIP for BART for Texas electricity generation sources if the EPA determines that BART requirements have not been met. The EPA issued a proposed BART FIP for Texas in January 2017. The EPA's proposed emission limits assume additional control equipment for specific lignite/coal-fueled generation units across Texas, including new flue gas desulfurization systems (scrubbers) at 12 electric generation units and upgrades to existing scrubbers at four electric generation units. Specifically, for Luminant, the EPA's proposed emission limitations were based on new scrubbers at Big Brown Units 1 and 2 and Monticello Units 1 and 2 and scrubber upgrades at Martin Lake Units 1, 2 and 3 and Monticello Unit 3. Luminant evaluated the requirements and potential financial and operational impacts of the proposed rule, but new scrubbers at the Big Brown and Monticello units necessary to achieve the emission limits required by the FIP (if those limits are possible to attain), along with the existence of low wholesale power prices in ERCOT, would challenge the long-term economic viability of those units. Under the terms of the proposed rule, the scrubber upgrades would have been required within three years of the effective date of the final rule and the new scrubbers will be required within five years of the effective date of the final rule. We submitted comments on the proposed FIP in May 2017.

The EPA signed the final BART FIP for Texas in September 2017. The rule is a partial approval of Texas's 2009 SIP and a partial FIP. In response to comments on the proposed rule submitted to the EPA, for SO<sub>2</sub>, the rule creates an intrastate Texas emission allowance trading program as a "BART alternative" that operates in a similar fashion to a CSAPR trading program. The program includes 39 generating units, including our Martin Lake, Big Brown, Monticello, Sandow 4, Stryker 2 and Graham 2 plants. Of the 39 units, 30 are BART-eligible, three are co-located with a BART-eligible unit and six units are included in the program based on a visibility impacts analysis by the EPA. The 39 units represent 89% of SO<sub>2</sub> emissions from Texas electric generating units in 2016 and 85% of all CSAPR SO<sub>2</sub> allowance allocations for Texas existing electric generating units. The compliance obligations in the program will start on January 1, 2019. The identified units will receive an annual allowance allocation that is equal to their most recent annual CSAPR SO<sub>2</sub> allocation. Luminant's units covered by the program are allocated 91,222 allowances annually. Under the rule, a unit that is listed that does not operate for two consecutive years starting after 2018 would no longer receive allowances after the fifth year of non-operation. We believe the recent retirements of our Monticello, Big Brown and Sandow 4 plants will enhance our ability to comply with this BART rule for SO<sub>2</sub>. For NO<sub>x</sub>, the rule adopts the CSAPR's ozone program as BART and for particulate matter, the rule approves Texas's SIP that determines that no electric generating units are subject to BART for particulate matter. The National Parks Conservation Association, the Sierra Club and the Environmental Defense Fund filed a petition challenging the rule in the Fifth Circuit Court as well as a petition for reconsideration filed with the EPA. Additionally, the National Parks Conservation Association, the Sierra Club, the Environmental Defense Fund and other environmental groups filed a motion in the D.C. Circuit Court in October 2017 to enforce the terms of the consent decree that was originally entered in 2012. The EPA filed a cross-motion to terminate the consent decree in October 2017. These motions remain pending before the D.C. Circuit Court. Luminant has intervened on behalf of the EPA in that action. While we cannot predict the outcome of the rulemaking and potential legal proceedings, we believe the rule, if ultimately implemented or upheld as issued, will not have a material impact on our results of operation, liquidity or financial condition.

### ***Intersection of the CSAPR and Regional Haze Programs***

Historically the EPA has considered compliance with a regional trading program, such as the CSAPR, as satisfying a state's obligations under the BART portion of the Regional Haze Program. However, in the reasonable progress FIP, the EPA diverged from this approach and did not treat Texas' compliance with the CSAPR as satisfying its obligations under the BART portion of the Regional Haze Program. The EPA concluded that it would not be appropriate to finalize that determination given the remand of the CSAPR budgets. As described above, the EPA has now removed Texas from the annual CSAPR trading programs for SO<sub>2</sub> and NO<sub>x</sub> and has issued a final BART FIP for Texas.



### ***Affirmative Defenses During Malfunctions***

In February 2013, in response to a petition for rulemaking filed by the Sierra Club, the EPA proposed a rule requiring certain states to replace SIP exemptions for excess emissions during malfunctions with an affirmative defense. Texas was not included in that original proposal since it already had an EPA-approved affirmative defense provision in its SIP that was found to be lawful by the Fifth Circuit Court in 2013. In 2014, as a result of a D.C. Circuit Court decision striking down an affirmative defense in another EPA rule, the EPA revised its 2013 proposal to extend the EPA's proposed findings of inadequacy to states that have affirmative defense provisions, including Texas. The EPA's revised proposal would require Texas to remove or replace its EPA-approved affirmative defense provisions for excess emissions during startup, shutdown and maintenance events. In May 2015, the EPA finalized the proposal. In June 2015, Luminant filed a petition for review in the Fifth Circuit Court challenging certain aspects of the EPA's final rule as they apply to the Texas SIP. The State of Texas and other parties have also filed similar petitions in the Fifth Circuit Court. In August 2015, the Fifth Circuit Court transferred the petitions that Luminant and other parties filed to the D.C. Circuit Court, and in October 2015 the petitions were consolidated with the pending petitions challenging the EPA's action in the D.C. Circuit Court. Briefing in the D.C. Circuit Court on the challenges was completed in October 2016 and oral argument was originally set for May 2017. However, in April 2017, the court granted the EPA's motion to continue oral argument and ordered that the case be held in abeyance with the EPA to provide status reports to the court on the EPA's review of the action at 90-day intervals. We cannot predict the timing or outcome of this proceeding, or estimate a range of reasonably possible costs, but implementation of the rule as finalized may have a material impact on our results of operations, liquidity or financial condition.

### ***SO<sub>2</sub> Designations for Texas***

In February 2016, the EPA notified Texas of the EPA's preliminary intention to designate nonattainment areas for counties surrounding our Big Brown, Monticello and Martin Lake generation plants based on modeling data submitted to the EPA by the Sierra Club. Such designation would potentially require the implementation of various controls or other requirements to demonstrate attainment. Luminant submitted comments challenging the use of modeling data rather than data from actual air quality monitoring equipment. In November 2016, the EPA finalized its proposed designations for Texas including finalizing the nonattainment designations for the areas referenced above. In doing so, the EPA ignored contradictory modeling that we submitted with our comments. The final designation mandates would be for Texas to begin the multi-year process to evaluate what potential emission controls or operational changes, if any, may be necessary to demonstrate attainment. In February 2017, the State of Texas and Luminant filed challenges to the nonattainment designations in the Fifth Circuit Court and protective petitions in the D.C. Circuit Court. In March 2017, the EPA filed a motion to transfer or dismiss our Fifth Circuit Court petition, and the State of Texas and Luminant filed an opposition to that motion. Briefing on that motion in the Fifth Circuit Court was completed in May 2017, and the Fifth Circuit Court held oral argument on that motion in July 2017. In August 2017, the Fifth Circuit Court denied the EPA's motion to transfer our challenge to the D.C. Circuit Court. In October 2017, the Fifth Circuit Court granted the EPA's motion to hold the case in abeyance in light of the EPA's representation that it intended to revisit the rule. In December 2017, the TCEQ submitted a petition for reconsideration to the EPA. In addition, with respect to Monticello and Big Brown, the retirement of those plants should favorably impact our legal challenge to the nonattainment designations in that the nonattainment designation for Freestone County and Titus County are based solely on the Sierra Club modeling of alleged SO<sub>2</sub> emissions from Monticello and Big Brown. We dispute the Sierra Club's modeling. Regardless, considering these retirements, the nonattainment designation for those counties are no longer supported. While we cannot predict the outcome of this matter, or estimate a range of reasonably possible costs, the result may have a material impact on our results of operations, liquidity or financial condition.

### ***Litigation Related to the Merger***

In January 2018, a purported Dynegy stockholder filed a putative class action lawsuit in the U.S. District Court for the Southern Division of Texas, Houston Division, alleging that Dynegy, each member of the Dynegy board of directors and Vistra Energy violated federal securities laws by filing a Form S-4 Registration Statement in connection with the Merger that omits purportedly material information. The lawsuit seeks to enjoin the Merger and to have Dynegy and Vistra Energy issue an amended Form S-4 or, alternatively, damages if the Merger closes without an amended Form S-4 having been filed. Two other related lawsuits were also filed but neither of those named Vistra Energy. In February 2018, Vistra Energy and Dynegy filed supplemental disclosures to the Registration Statement and the plaintiffs agreed to forego any further effort to enjoin the Merger, dismiss the individual claims with prejudice, and dismiss without prejudice claims of the putative class following the stockholder vote scheduled for March 2, 2018.

## ***Other Matters***

We are involved in various legal and administrative proceedings in the normal course of business, the ultimate resolutions of which, in the opinion of management, are not anticipated to have a material effect on our results of operations, liquidity or financial condition.

## ***Labor Contracts***

We employ certain personnel who are represented by labor unions, the terms of whose employment are governed by collective bargaining agreements. The initial term of all collective bargaining agreements covering bargaining unit personnel engaged in lignite mining operations, lignite-, coal- and nuclear-fueled generation operations and some of our natural gas-fueled generation operations expired in March 2017, but remain effective pursuant to evergreen provisions unless and until terminated by either party. Vistra Energy is currently negotiating a new collective bargaining agreement with one of our local unions, while new agreements with our two other local unions have been ratified, but not yet executed. While we cannot predict the outcome of labor contract negotiations, we do not expect any changes in collective bargaining agreements to have a material adverse effect on our results of operations, liquidity or financial condition.

## ***Nuclear Insurance***

Nuclear insurance includes nuclear liability coverage, property damage, decontamination and accidental premature decommissioning coverage and accidental outage and/or extra expense coverage. We maintain nuclear insurance that meets or exceeds requirements promulgated by Section 170 (Price-Anderson) of the Atomic Energy Act (the Act) and Title 10 of the Code of Federal Regulations. We intend to maintain insurance against nuclear risks as long as such insurance is available. We are self-insured to the extent that losses (i) are within the policy deductibles, (ii) are not covered per policy exclusions, terms and limitations, (iii) exceed the amount of insurance maintained, or (iv) are not covered due to lack of insurance availability. Any such self-insured losses could have a material adverse effect on our results of operations, liquidity or financial condition.

With regard to liability coverage, the Act provides for financial protection for the public in the event of a significant nuclear generation plant incident. The Act sets the statutory limit of public liability for a single nuclear incident at \$13.4 billion and requires nuclear generation plant operators to provide financial protection for this amount. However, the United States Congress could impose revenue-raising measures on the nuclear industry to pay claims that exceed the \$13.4 billion limit for a single incident. As required, we insure against a possible nuclear incident at our Comanche Peak facility resulting in public nuclear-related bodily injury and property damage through a combination of private insurance and an industry-wide retrospective payment plan known as Secondary Financial Protection (SFP).

Under the SFP, in the event of any single nuclear liability loss in excess of \$450 million at any nuclear generation facility in the United States, each operating licensed reactor in the United States is subject to an annual assessment of up to \$127.3 million. This approximately \$127.3 million maximum assessment is subject to increases for inflation every five years, with the next expected adjustment scheduled to occur in September 2018. Assessments are currently limited to \$19 million per operating licensed reactor per year per incident. As of December 31, 2017, our maximum potential assessment under the industry retrospective plan would be approximately \$254.6 million per incident but no more than \$37.9 million in any one year for each incident. The potential assessment is triggered by a nuclear liability loss in excess of \$450 million per accident at any nuclear facility.

The United States Nuclear Regulatory Commission (NRC) requires that nuclear generation plant license holders maintain at least \$1.06 billion of nuclear decontamination and property damage insurance, and requires that the proceeds thereof be used to place a plant in a safe and stable condition, to decontaminate a plant pursuant to a plan submitted to, and approved by, the NRC prior to using the proceeds for plant repair or restoration, or to provide for premature decommissioning. We maintain nuclear decontamination and property damage insurance for our Comanche Peak facility in the amount of \$2.25 billion and non-nuclear related property damage in the amount of \$1.5 billion (subject to a \$5 million deductible per accident except for natural hazards which are subject to a \$9.5 million deductible per accident), above which we are self-insured.

We also maintain Accidental Outage insurance to cover the additional costs of obtaining replacement electricity from another source if one or both of the units at our Comanche Peak facility are out of service for more than twelve weeks as a result of covered direct physical damage. Such coverage provides for weekly payments per unit up to \$4.5 million for the first 52 weeks and up to \$3.6 million for the remaining 71 weeks. The total maximum coverage is \$328 million for non-nuclear property damage and \$490 million for nuclear property damage. The coverage amounts applicable to each unit will be reduced to 80% if both units are out of service at the same time as a result of the same accident.

## 14. EQUITY

### *Successor Shareholders' Equity*

*Equity Issuances and Repurchases* — Changes in the number of shares of common stock outstanding for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 are reflected in the table below.

	Successor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016
Shares outstanding at beginning of period	427,580,232	—
Shares issued (a)	818,570	427,580,232
Shares repurchased	—	—
Shares outstanding at end of period	428,398,802	427,580,232

(a) Includes share awards granted to directors and other nonemployees.

*Dividends* — Vistra Energy did not declare or pay any dividends during the year ended December 31, 2017. In December 2016, the board of directors of Vistra Energy approved the payment of a special cash dividend (Special Dividend) in the aggregate amount of approximately \$1 billion ( \$2.32 per share of common stock) to holders of record of our common stock on December 19, 2016. The dividend was funded using borrowings under the Vistra Operations Credit Facilities.

*Dividend Restrictions* — The agreement governing the Vistra Operations Credit Facilities (the Credit Facilities Agreement) generally restricts the ability of Vistra Operations Company LLC (Vistra Operations) to make distributions to any direct or indirect parent unless such distributions are expressly permitted thereunder. As of December 31, 2017, Vistra Operations can distribute approximately \$1.0 billion to Vistra Energy Corp. (Parent) under the Credit Facilities Agreement without the consent of any party. The amount that can be distributed by Vistra Operations to Parent was partially reduced by distributions made by Vistra Operations to Parent during the year ended December 31, 2017 of approximately \$1.1 billion. Additionally, Vistra Operations may make distributions to Parent in amounts sufficient for Parent to make any payments required under the TRA or the Tax Matters Agreement or, to the extent arising out of Parent's ownership or operation of Vistra Operations, to pay any taxes or general operating or corporate overhead expenses. As of December 31, 2017, the maximum amount of restricted net assets of Vistra Operations that may not be distributed to Parent totaled \$3.9 billion.

Under applicable Delaware General Corporate Law, we are prohibited from paying any distribution to the extent that such distribution exceeds the value of our "surplus," which is defined as the excess of our net assets above our capital (the aggregate par value of all outstanding shares of our stock).

*Accumulated Other Comprehensive Income* — During the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, we recorded changes in the funded status of our pension and other postretirement employee benefit liability totaling \$(23) million and \$6 million, respectively. During the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, no amounts were reclassified from accumulated other comprehensive income.

### *Predecessor Membership Interests*

TCEH paid no dividends in the period from January 1, 2016 through October 2, 2016 nor the year ended December 31, 2015.

## 15. FAIR VALUE MEASUREMENTS

We utilize several different valuation techniques to measure the fair value of assets and liabilities, relying primarily on the market approach of using prices and other market information for identical and/or comparable assets and liabilities for those items that are measured on a recurring basis. We use a mid-market valuation convention (the mid-point price between bid and ask prices) as a practical expedient to measure fair value for the majority of our assets and liabilities and use valuation techniques to maximize the use of observable inputs and minimize the use of unobservable inputs. Our valuation policies and procedures were developed, maintained and validated by a centralized risk management group that reports to the Vistra Energy Chief Financial Officer.

Fair value measurements of derivative assets and liabilities incorporate an adjustment for credit-related nonperformance risk. These nonperformance risk adjustments take into consideration master netting arrangements, credit enhancements and the credit risks associated with our credit standing and the credit standing of our counterparties (see Note 16 for additional information regarding credit risk associated with our derivatives). We utilize credit ratings and default rate factors in calculating these fair value measurement adjustments.

We categorize our assets and liabilities recorded at fair value based upon the following fair value hierarchy:

- Level 1 valuations use quoted prices in active markets for identical assets or liabilities that are accessible at the measurement date. Our Level 1 assets and liabilities include CME or ICE (electronic commodity derivative exchanges) futures and options transacted through clearing brokers for which prices are actively quoted. We report the fair value of CME and ICE transactions without taking into consideration margin deposits, with the exception of certain margin amounts related to changes in fair value on certain CME transactions that, beginning in January 2017, are legally characterized as settlement of derivative contracts rather than collateral.
- Level 2 valuations utilize over-the-counter broker quotes, quoted prices for similar assets or liabilities that are corroborated by correlations or other mathematical means, and other valuation inputs such as interest rates and yield curves observable at commonly quoted intervals. We attempt to obtain multiple quotes from brokers that are active in the markets in which we participate and require at least one quote from two brokers to determine a pricing input as observable. The number of broker quotes received for certain pricing inputs varies depending on the depth of the trading market, each individual broker's publication policy, recent trading volume trends and various other factors.
- Level 3 valuations use unobservable inputs for the asset or liability. Unobservable inputs are used to the extent observable inputs are not available, thereby allowing for situations in which there is little, if any, market activity for the asset or liability at the measurement date. We use the most meaningful information available from the market combined with internally developed valuation methodologies to develop our best estimate of fair value. Significant unobservable inputs used to develop the valuation models include volatility curves, correlation curves, illiquid pricing delivery periods and locations and credit-related nonperformance risk assumptions. These inputs and valuation models are developed and maintained by employees trained and experienced in market operations and fair value measurements and validated by the Company's risk management group.

With respect to amounts presented in the following fair value hierarchy tables, the fair value measurement of an asset or liability ( *e.g.* , a contract) is required to fall in its entirety in one level, based on the lowest level input that is significant to the fair value measurement.

Assets and liabilities measured at fair value on a recurring basis consisted of the following at the respective balance sheet dates shown below:

December 31, 2017					
	Level 1	Level 2	Level 3 (a)	Reclassification (b)	Total
<b>Assets:</b>					
Commodity contracts	\$ 47	\$ 98	\$ 75	\$ 2	\$ 222
Interest rate swaps	—	18	—	8	26
Nuclear decommissioning trust – equity securities (c)	468	—	—	—	468
Nuclear decommissioning trust – debt securities (c)	—	430	—	—	430
Sub-total	\$ 515	\$ 546	\$ 75	\$ 10	1,146
<b>Assets measured at net asset value (d):</b>					
Nuclear decommissioning trust – equity securities (c)					290
Total assets					\$ 1,436
<b>Liabilities:</b>					
Commodity contracts	\$ 45	\$ 143	\$ 128	\$ 2	\$ 318
Interest rate swaps	—	—	—	8	8
Total liabilities	\$ 45	\$ 143	\$ 128	\$ 10	\$ 326

December 31, 2016					
	Level 1	Level 2	Level 3 (a)	Reclassification (b)	Total
<b>Assets:</b>					
Commodity contracts	\$ 167	\$ 131	\$ 98	\$ —	\$ 396
Interest rate swaps	—	5	—	13	18
Nuclear decommissioning trust – equity securities (c)	425	—	—	—	425
Nuclear decommissioning trust – debt securities (c)	—	340	—	—	340
Sub-total	\$ 592	\$ 476	\$ 98	\$ 13	1,179
<b>Assets measured at net asset value (d):</b>					
Nuclear decommissioning trust – equity securities (c)					247
Total assets					\$ 1,426
<b>Liabilities:</b>					
Commodity contracts	\$ 302	\$ 15	\$ 15	\$ —	\$ 332
Interest rate swaps	—	16	—	13	29
Total liabilities	\$ 302	\$ 31	\$ 15	\$ 13	\$ 361

(a) See table below for description of Level 3 assets and liabilities.

(b) Fair values are determined on a contract basis, but certain contracts result in a current asset and a noncurrent liability, or vice versa, as presented in our consolidated balance sheets.

(c) The nuclear decommissioning trust investment is included in the other investments line in our consolidated balance sheets. See Note 21 .

(d) The fair value amounts presented in this line are intended to permit reconciliation of the fair value hierarchy to the amounts presented in our consolidated balance sheets. Certain investments measured at fair value using the net asset value per share (or its equivalent) have not been classified in the fair value hierarchy.

Commodity contracts consist primarily of natural gas, electricity, coal, fuel oil and uranium agreements and include financial instruments entered into for economic hedging purposes as well as physical contracts that have not been designated as normal purchases or sales. Interest rate swaps are used to reduce exposure to interest rate changes by converting floating-rate interest to fixed rates. See Note 16 for further discussion regarding derivative instruments.

Nuclear decommissioning trust assets represent securities held for the purpose of funding the future retirement and decommissioning of our nuclear generation facility. These investments include equity, debt and other fixed-income securities consistent with investment rules established by the NRC and the PUCT.

The following tables present the fair value of the Level 3 assets and liabilities by major contract type and the significant unobservable inputs used in the valuations at December 31, 2017 and 2016 :

December 31, 2017						
Contract Type (a)	Fair Value			Valuation Technique	Significant Unobservable Input	Range (b)
	Assets	Liabilities	Total			
Electricity purchases and sales	\$ 12	\$ (33)	\$ (21)	Valuation Model	Hourly price curve shape (c) Illiquid delivery periods for ERCOT hub power prices and heat rates (d)	\$0 to \$40/ MWh \$20 to \$70/ MWh
Electricity options	—	(91)	(91)	Option Pricing Model	Gas to power correlation (e) Power volatility (e)	30% to 100% 5% to 180%
Electricity congestion revenue rights	45	(4)	41	Market Approach (f)	Illiquid price differences between settlement points (g)	\$0 to \$15/ MWh
Other (h)	18	—	18			
Total	\$ 75	\$ (128)	\$ (53)			

December 31, 2016						
Contract Type (a)	Fair Value			Valuation Technique	Significant Unobservable Input	Range (b)
	Assets	Liabilities	Total			
Electricity purchases and sales	\$ 32	\$ —	\$ 32	Valuation Model	Hourly price curve shape (c) Illiquid delivery periods for ERCOT hub power prices and heat rates (d)	\$0 to \$35/ MWh \$30 to \$70/ MWh
Electricity congestion revenue rights	42	(6)	36	Market Approach (f)	Illiquid price differences between settlement points (g)	\$0 to \$10/ MWh
Other (h)	24	(9)	15			
Total	\$ 98	\$ (15)	\$ 83			

- (a) Electricity purchase and sales contracts include power and heat rate positions in ERCOT regions. Electricity congestion revenue rights contracts consist of forward purchase contracts (swaps and options) used to hedge electricity price differences between settlement points within ERCOT. Electricity options consist of physical electricity options and spread options.
- (b) The range of the inputs may be influenced by factors such as time of day, delivery period, season and location.
- (c) Based on the historical range of forward average hourly ERCOT North Hub prices.
- (d) Based on historical forward ERCOT power price and heat rate variability.
- (e) Based on historical forward correlation and volatility within ERCOT.
- (f) While we use the market approach, there is insufficient market data to consider the valuation liquid.
- (g) Based on the historical price differences between settlement points within ERCOT hubs and load zones.
- (h) Other includes contracts for natural gas, weather options and coal options. December 31, 2016 also includes an immaterial amount of electricity options.

There were no transfers between Level 1 and Level 2 of the fair value hierarchy for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 and the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015. See the table below for discussion of transfers between Level 2 and Level 3 for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 and the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015.

The following table presents the changes in fair value of the Level 3 assets and liabilities for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 and the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015.

	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Net asset balance at beginning of period (a)	\$ 83	\$ 81	\$ 37	\$ 35
Total unrealized valuation gains (losses)	(136)	31	122	27
Purchases, issuances and settlements (b):				
Purchases	69	15	37	49
Issuances	(22)	(7)	(20)	(13)
Settlements	(106)	(30)	(51)	(48)
Transfers into Level 3 (c)	4	3	1	1
Transfers out of Level 3 (c)	71	(10)	1	(14)
Earn-out provision (d)	(16)	—	—	—
Net liabilities assumed in the Lamar and Forney Acquisition (Note 3) (e)	—	—	(30)	—
Net change (f)	(136)	2	60	2
Net asset (liability) balance at end of period	\$ (53)	\$ 83	\$ 97	\$ 37
Unrealized valuation gains (losses) relating to instruments held at end of period	\$ (98)	\$ 28	\$ 98	\$ 18

- (a) The beginning balance for the Successor period from October 3, 2016 through December 31, 2016 reflects a \$16 million adjustment to the fair value of certain Level 3 assets driven by power prices utilized by the Successor for unobservable delivery periods.
- (b) Settlements reflect reversals of unrealized mark-to-market valuations previously recognized in net income. Purchases and issuances reflect option premiums paid or received.
- (c) Includes transfers due to changes in the observability of significant inputs. All Level 3 transfers during the periods presented are in and out of Level 2. For the year ended December 31, 2017, transfers out of Level 3 primarily consists of electricity derivatives where forward pricing inputs have become observable.
- (d) Represents initial fair value of the earn-out provision incurred as part of the Odessa Acquisition. See Note 3.
- (e) Includes fair value of Level 3 assets and liabilities as of the purchase date and any related rolloff between the purchase date and the period ended October 2, 2016.
- (f) Activity excludes change in fair value in the month positions settle. For the Successor period, substantially all changes in values of commodity contracts (excluding the initial fair value of the earn-out provision related to the Odessa Acquisition in 2017) are reported as operating revenues in our statements of consolidated income (loss). For the Predecessor period, substantially all changes in values of commodity contracts (excluding net liabilities assumed in the Lamar and Forney Acquisition in 2016) are reported as net gain from commodity hedging and trading activities in the statements of consolidated income (loss).

## 16.COMMODITY AND OTHER DERIVATIVE CONTRACTUAL ASSETS AND LIABILITIES

### *Strategic Use of Derivatives*

We transact in derivative instruments, such as options, swaps, futures and forward contracts, to manage commodity price and interest rate risk. See Note 15 for a discussion of the fair value of derivatives.

**Commodity Hedging and Trading Activity** — We utilize natural gas and electricity derivatives to reduce exposure to changes in electricity prices primarily to hedge future revenues from electricity sales from our generation assets. We also utilize short-term electricity, natural gas, coal, fuel oil and uranium derivative instruments for fuel hedging and other purposes. Counterparties to these transactions include energy companies, financial institutions, electric utilities, independent power producers, oil and gas producers, local distribution companies and energy marketing companies. Unrealized gains and losses arising from changes in the fair value of derivative instruments as well as realized gains and losses upon settlement of the instruments are reported in our statements of consolidated income (loss) in operating revenues and fuel, purchased power costs and delivery fees in the Successor period and net gain from commodity hedging and trading activities in the Predecessor period.

**Interest Rate Swaps** — Interest rate swap agreements are used to reduce exposure to interest rate changes by converting floating-rate interest rates to fixed rates, thereby hedging future interest costs and related cash flows. Unrealized gains and losses arising from changes in the fair value of the swaps as well as realized gains and losses upon settlement of the swaps are reported in our statements of consolidated income (loss) in interest expense and related charges.

### *Financial Statement Effects of Derivatives*

Substantially all derivative contractual assets and liabilities are accounted for under mark-to-market accounting consistent with accounting standards related to derivative instruments and hedging activities. The following tables provide detail of derivative contractual assets and liabilities as reported in our consolidated balance sheets at December 31, 2017 and 2016. Derivative asset and liability totals represent the net value of the contract, while the balance sheet totals represent the gross value of the contract.

December 31, 2017					
	Derivative Assets		Derivative Liabilities		Total
	Commodity Contracts	Interest Rate Swaps	Commodity Contracts	Interest Rate Swaps	
Current assets	\$ 190	\$ —	\$ —	\$ —	\$ 190
Noncurrent assets	30	22	2	4	58
Current liabilities	—	(4)	(216)	(4)	(224)
Noncurrent liabilities	—	—	(102)	—	(102)
Net assets (liabilities)	\$ 220	\$ 18	\$ (316)	\$ —	\$ (78)

December 31, 2016					
	Derivative Assets		Derivative Liabilities		Total
	Commodity Contracts	Interest Rate Swaps	Commodity Contracts	Interest Rate Swaps	
Current assets	\$ 350	\$ —	\$ —	\$ —	\$ 350
Noncurrent assets	46	17	—	1	64
Current liabilities	—	(12)	(330)	(17)	(359)
Noncurrent liabilities	—	—	(2)	—	(2)
Net assets (liabilities)	\$ 396	\$ 5	\$ (332)	\$ (16)	\$ 53

At December 31, 2017 and 2016, there were no derivative positions accounted for as cash flow or fair value hedges.



The following table presents the pretax effect of derivative gains (losses) on net income, including realized and unrealized effects. Amount represents changes in fair value of positions in the derivative portfolio during the period, as realized amounts related to positions settled are assumed to equal reversals of previously recorded unrealized amounts.

Derivative (statements of consolidated income (loss) presentation)	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Commodity contracts (Operating revenues)	\$ 56	\$ (92)	\$ —	\$ —
Commodity contracts (Fuel, purchased power costs and delivery fees)	6	21	—	—
Commodity contracts (Net gain from commodity hedging and trading activities)	—	—	194	380
Interest rate swaps (Interest expense and related charges)	2	(11)	—	—
Net gain (loss)	\$ 64	\$ (82)	\$ 194	\$ 380

In conjunction with fresh start reporting, the balances in accumulated other comprehensive income were eliminated from our consolidated balance sheet on the Effective Date. The pretax effect (all losses) on net income and other comprehensive income (OCI) of derivative instruments previously accounted for as cash flow hedges by the Predecessor was immaterial for the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015 . There were no amounts recognized in OCI for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 and the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015 .

#### ***Balance Sheet Presentation of Derivatives***

We elect to report derivative assets and liabilities in our consolidated balance sheets on a gross basis without taking into consideration netting arrangements we have with counterparties to those derivatives. We maintain standardized master netting agreements with certain counterparties that allow for the right to offset assets and liabilities and collateral in order to reduce credit exposure between us and the counterparty. These agreements contain specific language related to margin requirements, monthly settlement netting, cross-commodity netting and early termination netting, which is negotiated with the contract counterparty.

Generally, margin deposits that contractually offset these derivative instruments are reported separately in our consolidated balance sheets, with the exception of certain margin amounts related to changes in fair value on certain CME transactions that, beginning in January 2017, are legally characterized as settlement of forward exposure rather than collateral. Margin deposits received from counterparties are primarily used for working capital or other general corporate purposes.

The following tables reconcile our derivative assets and liabilities on a contract basis to net amounts after taking into consideration netting arrangements with counterparties and financial collateral:

	December 31, 2017				December 31, 2016			
	Derivative Assets and Liabilities	Offsetting Instruments (a)	Cash Collateral (Received) Pledged (b)	Net Amounts	Derivative Assets and Liabilities	Offsetting Instruments (a)	Cash Collateral (Received) Pledged (b)	Net Amounts
Derivative assets:								
Commodity contracts	\$ 220	\$ (113)	\$ (1)	\$ 106	\$ 396	\$ (193)	\$ (20)	\$ 183
Interest rate swaps	18	—	—	18	5	—	—	5
Total derivative assets	238	(113)	(1)	124	401	(193)	(20)	188
Derivative liabilities:								
Commodity contracts	(316)	113	1	(202)	(332)	193	136	(3)
Interest rate swaps	—	—	—	—	(16)	—	—	(16)
Total derivative liabilities	(316)	113	1	(202)	(348)	193	136	(19)
Net amounts	\$ (78)	\$ —	\$ —	\$ (78)	\$ 53	\$ —	\$ 116	\$ 169

(a) Amounts presented exclude trade accounts receivable and payable related to settled financial instruments.

(b) Represents cash amounts received or pledged pursuant to a master netting arrangement, including fair value-based margin requirements and, to a lesser extent, initial margin requirements.

### Derivative Volumes

The following table presents the gross notional amounts of derivative volumes at December 31, 2017 and 2016 :

Derivative type	December 31, 2017	December 31, 2016	Unit of Measure
	Notional Volume	Notional Volume	
Natural gas (a)	1,259	1,282	Million MMBtu
Electricity	114,129	75,322	GWh
Congestion Revenue Rights (b)	110,913	126,573	GWh
Coal	2	12	Million U.S. tons
Fuel oil	5	34	Million gallons
Uranium	325	25	Thousand pounds
Interest rate swaps – floating/fixed (c)	\$ 3,000	\$ 3,000	Million U.S. dollars

(a) Represents gross notional forward sales, purchases and options transactions, locational basis swaps and other natural gas transactions.

(b) Represents gross forward purchases associated with instruments used to hedge electricity price differences between settlement points within ERCOT.

(c) Includes notional amounts of interest rate swaps that became effective in January 2017 and have maturity dates through July 2023.

### ***Credit Risk-Related Contingent Features of Derivatives***

Our derivative contracts may contain certain credit risk-related contingent features that could trigger liquidity requirements in the form of cash collateral, letters of credit or some other form of credit enhancement. Certain of these agreements require the posting of collateral if our credit rating is downgraded by one or more credit rating agencies or include cross-default contractual provisions that could result in the settlement of such contracts if there was a failure under other financing arrangements related to payment terms or other covenants.

The following table presents the commodity derivative liabilities subject to credit risk-related contingent features that are not fully collateralized:

	December 31,	
	2017	2016
Fair value of derivative contract liabilities (a)	\$ (204)	\$ (31)
Offsetting fair value under netting arrangements (b)	103	13
Cash collateral and letters of credit	41	1
Liquidity exposure	\$ (60)	\$ (17)

- (a) Excludes fair value of contracts that contain contingent features that do not provide specific amounts to be posted if features are triggered, including provisions that generally provide the right to request additional collateral (material adverse change, performance assurance and other clauses).  
(b) Amounts include the offsetting fair value of in-the-money derivative contracts and net accounts receivable under master netting arrangements.

### ***Concentrations of Credit Risk Related to Derivatives***

We have concentrations of credit risk with the counterparties to our derivative contracts. At December 31, 2017, total credit risk exposure to all counterparties related to derivative contracts totaled \$361 million (including associated accounts receivable). The net exposure to those counterparties totaled \$180 million at December 31, 2017 after taking into effect netting arrangements, setoff provisions and collateral, with the largest net exposure to a single counterparty totaling \$63 million. At December 31, 2017, the credit risk exposure to the banking and financial sector represented 34% of the total credit risk exposure and 24% of the net exposure.

Exposure to banking and financial sector counterparties is considered to be within an acceptable level of risk tolerance because all of this exposure is with counterparties with investment grade credit ratings. However, this concentration increases the risk that a default by any of these counterparties would have a material effect on our financial condition, results of operations and liquidity. The transactions with these counterparties contain certain provisions that would require the counterparties to post collateral in the event of a material downgrade in their credit rating.

We maintain credit risk policies with regard to our counterparties to minimize overall credit risk. These policies authorize specific risk mitigation tools including, but not limited to, use of standardized master agreements that allow for netting of positive and negative exposures associated with a single counterparty. Credit enhancements such as parent guarantees, letters of credit, surety bonds, liens on assets and margin deposits are also utilized. Prospective material changes in the payment history or financial condition of a counterparty or downgrade of its credit quality result in the reassessment of the credit limit with that counterparty. The process can result in the subsequent reduction of the credit limit or a request for additional financial assurances. An event of default by one or more counterparties could subsequently result in termination-related settlement payments that reduce available liquidity if amounts are owed to the counterparties related to the derivative contracts or delays in receipts of expected settlements if the counterparties owe amounts to us.

## 17. PENSION AND OTHER POSTRETIREMENT EMPLOYEE BENEFITS (OPEB) PLANS

On the Effective Date, the EFH Retirement Plan was transferred to Vistra Energy pursuant to a separation agreement between Vistra Energy and EFH Corp. As of the Effective Date, Vistra Energy is the plan sponsor of the Vistra Energy Retirement Plan (the Retirement Plan), which provides benefits to eligible employees of its subsidiaries. Oncor is a participant in the Retirement Plan. As Vistra Energy accounts for its interests in the Retirement Plan as a multiple employer plan, only Vistra Energy's share of the plan assets and obligations are reported in the pension benefit information presented below. After amendments in 2012, employees in the Retirement Plan now consist entirely of active and retired collective bargaining unit employees. The Retirement Plan is a qualified defined benefit pension plan under Section 401(a) of the Internal Revenue Code of 1986, as amended (Code), and is subject to the provisions of ERISA. The Retirement Plan provides benefits to participants under one of two formulas: (i) a Cash Balance Formula under which participants earn monthly contribution credits based on their compensation and a combination of their age and years of service, plus monthly interest credits or (ii) a Traditional Retirement Plan Formula based on years of service and the average earnings of the three years of highest earnings. Under the Cash Balance Formula, future increases in earnings will not apply to prior service costs. It is our policy to fund the Retirement Plan assets only to the extent required under existing federal regulations.

Vistra Energy and our participating subsidiaries offer other postretirement employee benefits (OPEB) in the form of certain health care and life insurance benefits to eligible retirees and their eligible dependents. The retiree contributions required for such coverage vary based on a formula depending on the retiree's age and years of service.

Effective January 1, 2018, Vistra Energy entered into a contractual arrangement with Oncor whereby the costs associated with providing OPEB coverage for certain retirees (Split Participants) whose employment included service with both the regulated businesses of Oncor (or its predecessors) and the non-regulated businesses of Vistra Energy (or its predecessors) are split between Oncor and Vistra Energy. Prior to January 1, 2018, coverage for Split Participants was provided by the Oncor OPEB plan, with Vistra Energy retaining its portion of the liability for coverage for Split Participants. In addition, Vistra Energy is the sponsor of an OPEB plan that certain EFH Corp. retirees participate in. As Vistra Energy accounts for its interest in these OPEB plans as multiple employer plans, only Vistra Energy's share of the plan assets and obligations are reported in the OPEB information presented below.

### *Pension and OPEB Costs*

	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Pension costs	\$ 6	\$ 2	\$ 4	\$ 8
OPEB costs	6	2	—	3
Total benefit costs recognized as expense	\$ 12	\$ 4	\$ 4	\$ 11

### *Market-Related Value of Assets Held in Postretirement Benefit Trusts*

We use the calculated value method to determine the market-related value of the assets held in the trust for purposes of calculating pension costs. We include the realized and unrealized gains or losses in the market-related value of assets over a rolling four-year period. Each year, 25% of such gains and losses for the current year and for each of the preceding three years is included in the market-related value. Each year, the market-related value of assets is increased for contributions to the plan and investment income and is decreased for benefit payments and expenses for that year.

### Detailed Information Regarding Pension Benefits

The following information is based on a December 31, 2017 measurement date:

	Successor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016
<i>Assumptions Used to Determine Net Periodic Pension Cost:</i>		
Discount rate	4.31%	3.79%
Expected return on plan assets	4.86%	4.89%
Expected rate of compensation increase	3.50%	3.50%
<i>Components of Net Pension Cost:</i>		
Service cost	\$ 5	\$ 2
Interest cost	6	1
Expected return on assets	(5)	(1)
Net periodic pension cost	\$ 6	\$ 2
<i>Other Changes in Plan Assets and Benefit Obligations Recognized in Other Comprehensive Income:</i>		
Net (gain) loss	\$ 3	\$ (4)
Total recognized in net periodic benefit cost and other comprehensive income	\$ 9	\$ (2)
<i>Assumptions Used to Determine Benefit Obligations:</i>		
Discount rate	3.74%	4.31%
Expected rate of compensation increase	3.62%	3.50%

	Successor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016
<i>Change in Pension Obligation:</i>		
Projected benefit obligation at beginning of period	\$ 144	\$ 154
Service cost	5	2
Interest cost	6	1
Actuarial (gain) loss	13	(12)
Benefits paid	(5)	(1)
Projected benefit obligation at end of year	\$ 163	\$ 144
Accumulated benefit obligation at end of year	\$ 157	\$ 136
<i>Change in Plan Assets:</i>		
Fair value of assets at beginning of period	\$ 117	\$ 124
Actual gain (loss) on assets	16	(6)
Benefits paid	(5)	(1)
Fair value of assets at end of year	\$ 128	\$ 117
<i>Funded Status:</i>		
Projected pension benefit obligation	\$ (163)	\$ (144)
Fair value of assets	128	117
Funded status at end of year	\$ (35)	\$ (27)
<i>Amounts Recognized in the Balance Sheet Consist of:</i>		
Other current liabilities	\$ —	\$ —
Other noncurrent liabilities	(35)	(27)
Net liability recognized	\$ (35)	\$ (27)
<i>Amounts Recognized in Accumulated Other Comprehensive Income Consist of:</i>		
Net gain	\$ 1	\$ 4

The following table provides information regarding pension plans with projected benefit obligation (PBO) and accumulated benefit obligation (ABO) in excess of the fair value of plan assets.

	December 31,	
	2017	2016
<i>Pension Plans with PBO and ABO in Excess Of Plan Assets:</i>		
Projected benefit obligations	\$ 163	\$ 144
Accumulated benefit obligation	\$ 157	\$ 136
Plan assets	\$ 128	\$ 117

***Pension Plan Investment Strategy and Asset Allocations***

Our investment objective for the Retirement Plan is to invest in a suitable mix of assets to meet the future benefit obligations at an acceptable level of risk, while minimizing the volatility of contributions. Fixed income securities held primarily consist of corporate bonds from a diversified range of companies, U.S. Treasuries and agency securities and money market instruments. Equity securities are held to enhance returns by participating in a wide range of investment opportunities. International equity securities are used to further diversify the equity portfolio and may include investments in both developed and emerging markets.

The target asset allocation ranges of pension plan investments by asset category are as follows:

<b>Asset Category:</b>	<b>Target Allocation Ranges</b>
Fixed income	74% - 86%
U.S. equities	8% - 14%
International equities	6% - 12%

***Expected Long-Term Rate of Return on Assets Assumption***

The Retirement Plan strategic asset allocation is determined in conjunction with the plan's advisors and utilizes a comprehensive Asset-Liability modeling approach to evaluate potential long-term outcomes of various investment strategies. The study incorporates long-term rate of return assumptions for each asset class based on historical and future expected asset class returns, current market conditions, rate of inflation, current prospects for economic growth, and taking into account the diversification benefits of investing in multiple asset classes and potential benefits of employing active investment management.

<b>Retirement Plan</b>	
<b>Asset Class:</b>	<b>Expected Long-Term Rate of Return</b>
U.S. equity securities	6.4%
International equity securities	7.3%
Fixed income securities	3.9%
Weighted average	4.6%

**Fair Value Measurement of Pension Plan Assets**

At December 31, 2017, the Retirement Plan assets measured at fair value on a recurring basis consisted of the following:

	December 31,	
	2017	2016
<b>Asset Category:</b>		
Level 2 valuations (see Note 15):		
Interest-bearing cash	\$ (7)	\$ (4)
Fixed income securities:		
Corporate bonds (a)	65	54
U.S. Treasuries	29	30
Other (b)	7	6
Total assets categorized as Level 2	94	86
Assets measured at net asset value (c):		
Interest-bearing cash	2	2
Equity securities:		
U.S.	14	14
International	13	9
Fixed income securities:		
Corporate bonds (a)	5	6
Total assets measured at net asset value	34	31
Total assets	\$ 128	\$ 117

(a) Substantially all corporate bonds are rated investment grade by a major ratings agency such as Moody's.

(b) Other consists primarily of taxable municipal bonds.

(c) Certain investments measured at fair value using the net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this line are intended to permit reconciliation of the fair value hierarchy to total Vistra Retirement Plan assets.



**Detailed Information Regarding Postretirement Benefits Other Than Pensions**

The following OPEB information is based on a December 31, 2017 measurement date:

	Successor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016
<i>Assumptions Used to Determine Net Periodic Benefit Cost:</i>		
Discount rate (Vistra Energy Plan)	4.11%	4.00%
Discount rate (Oncor Plan)	4.18%	3.69%
<i>Components of Net Postretirement Benefit Cost:</i>		
Service cost	\$ 2	\$ 1
Interest cost	4	1
Plan amendments (a)	—	(4)
Net periodic OPEB cost (income)	\$ 6	\$ (2)
<i>Other Changes in Plan Assets and Benefit Obligations Recognized in Other Comprehensive Income:</i>		
Net (gain) loss and prior service (credit) cost	\$ 26	\$ (5)
Total recognized in net periodic benefit cost and other comprehensive income	\$ 32	\$ (7)
<i>Assumptions Used to Determine Benefit Obligations at Period End:</i>		
Discount rate (Vistra Energy Plan)	3.67%	4.11%
Discount rate (Split-Participant Plan)	3.67%	—%
Discount rate (Oncor Plan)	—%	4.18%

(a) Curtailment gain recognized as other income in the statements of consolidated income (loss) as a result of discontinued life insurance benefits for active employees.

	Successor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016
<i>Change in Postretirement Benefit Obligation:</i>		
Benefit obligation at beginning of year	\$ 88	\$ 97
Service cost	2	1
Interest cost	4	1
Participant contributions	2	1
Plan amendments (a)	11	(4)
Actuarial (gain) loss	15	(5)
Benefits paid	(7)	(3)
Benefit obligation at end of year	<u>\$ 115</u>	<u>\$ 88</u>
<i>Change in Plan Assets:</i>		
Fair value of assets at beginning of year	\$ —	\$ —
Employer contributions	5	1
Participant contributions	2	1
Benefits paid	(7)	(2)
Fair value of assets at end of year	<u>\$ —</u>	<u>\$ —</u>
<i>Funded Status:</i>		
Benefit obligation	\$ 115	\$ 88
Funded status at end of year	\$ 115	\$ 88
<i>Amounts Recognized on the Balance Sheet Consist of:</i>		
Other current liabilities	\$ 6	\$ 5
Other noncurrent liabilities	109	83
Net liability recognized	<u>\$ 115</u>	<u>\$ 88</u>
<i>Amounts Recognized in Accumulated Other Comprehensive Income Consist of:</i>		
Net loss and prior service cost	\$ 20	\$ 5

(a) For the year ended December 31, 2017, plan amendments relate to the contractual arrangement with Oncor covering Split Participants. For the period from October 3, 2016 through December 31, 2016, a curtailment gain was recognized as other income in the statements of consolidated income (loss) as a result of discontinued life insurance benefits for active employees.

The following tables provide information regarding the assumed health care cost trend rates.

	Successor	
	December 31, 2017	December 31, 2016
<i>Assumed Health Care Cost Trend Rates-Not Medicare Eligible:</i>		
Health care cost trend rate assumed for next year	7.00%	5.80%
Rate to which the cost trend is expected to decline (the ultimate trend rate)	4.50%	5.00%
Year that the rate reaches the ultimate trend rate	2026	2024
<i>Assumed Health Care Cost Trend Rates-Medicare Advantage Eligible (2017) / Medicare Eligible (2016):</i>		
Health care cost trend rate assumed for next year	10.66%	5.70%
Rate to which the cost trend is expected to decline (the ultimate trend rate)	4.50%	5.00%
Year that the rate reaches the ultimate trend rate	2026	2024

	1-Percentage Point Increase	1-Percentage Point Decrease
<i>Sensitivity Analysis of Assumed Health Care Cost Trend Rates :</i>		
Effect on accumulated postretirement obligation	\$ 2	\$ (2)
Effect on postretirement benefits cost	\$ —	\$ —

### ***Fair Value Measurement of OPEB Plan Assets***

At December 31, 2017, the Vistra Energy OPEB plan had no plan assets.

### ***Significant Concentrations of Risk***

The plans' investments are exposed to risks such as interest rate, capital market and credit risks. We seek to optimize return on investment consistent with levels of liquidity and investment risk which are prudent and reasonable, given prevailing capital market conditions and other factors specific to us. While we recognize the importance of return, investments will be diversified in order to minimize the risk of large losses unless, under the circumstances, it is clearly prudent not to do so. There are also various restrictions and guidelines in place including limitations on types of investments allowed and portfolio weightings for certain investment securities to assist in the mitigation of the risk of large losses.

### ***Assumed Discount Rate***

We selected the assumed discount rate using the Aon Hewitt AA Above Median yield curve, which is based on corporate bond yields and at December 31, 2017 consisted of 391 corporate bonds with an average rating of AA using Moody's, Standard & Poor's Rating Services and Fitch Ratings, Ltd. ratings.

### ***Amortization in 2018***

We estimate amortization of the net actuarial gain for the Retirement Plan from accumulated other comprehensive income into net periodic benefit cost will be immaterial. We estimate amortization of the net actuarial gain and prior service cost for the OPEB plan from accumulated other comprehensive income into net periodic benefit cost will be \$3 million.

### ***Contributions***

*Successor* — No contributions were made to the Retirement Plan for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, and none are expected to be made in 2018. OPEB plan funding for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 totaled \$5 million and \$1 million, respectively, and funding in 2018 is expected to total \$6 million.

*Predecessor* — In September 2016, a cash contribution totaling \$2 million was made to the EFH Retirement Plan, all of which was contributed by our Predecessor. In December 2015, a cash contribution totaling \$67 million was made to the EFH Retirement Plan assets, of which \$51 million was contributed by Oncor and \$16 million was contributed by our Predecessor. Each of these contributions resulted in the Retirement Plan being fully funded as calculated under the provisions of ERISA. As a result of the Bankruptcy Filing, participants in the EFH Retirement Plan who chose to retire would not be eligible for the lump sum payout option under the EFH Retirement Plan unless the EFH Retirement Plan was fully funded. OPEB plan funding for the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015 totaled \$3 million and \$8 million, respectively.

### ***Future Benefit Payments***

Estimated future benefit payments to beneficiaries are as follows:

	2018	2019	2020	2021	2022	2023-27
Pension benefits	\$ 11	\$ 8	\$ 8	\$ 8	\$ 9	\$ 50
OPEB	\$ 6	\$ 7	\$ 8	\$ 8	\$ 8	\$ 39

### Thrift Plan

Our employees may participate in a qualified savings plan (the Thrift Plan). This plan is a participant-directed defined contribution plan intended to qualify under Section 401(a) of the Code, and is subject to the provisions of ERISA. Under the terms of the Thrift Plan, employees who do not earn more than the IRS threshold compensation limit used to determine highly compensated employees may contribute, through pre-tax salary deferrals and/or after-tax payroll deductions, the lesser of 75% of their regular salary or wages or the maximum amount permitted under applicable law. Employees who earn more than such threshold may contribute from 1% to 20% of their regular salary or wages. Employer matching contributions are also made in an amount equal to 100% ( 75% for employees covered under the Traditional Retirement Plan Formula) of the first 6% of employee contributions. Employer matching contributions are made in cash and may be allocated by participants to any of the plan's investment options.

Employer contributions to the Thrift Plan totaled \$19 million , \$5 million , \$16 million and \$21 million for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 and the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015 , respectively.

## 18. STOCK-BASED COMPENSATION

### Vistra Energy 2016 Omnibus Incentive Plan

On the Effective Date, the Vistra Energy board of directors (Board) adopted the 2016 Omnibus Incentive Plan (2016 Incentive Plan), under which an aggregate of 22,500,000 shares of our common stock were reserved for issuance as equity-based awards to our non-employee directors, employees, and certain other persons. The Board or any committee duly authorized by the Board will administer the 2016 Incentive Plan and has broad authority under the 2016 Incentive Plan to, among other things: (a) select participants, (b) determine the types of awards that participants are to receive and the number of shares that are to be subject to such awards and (c) establish the terms and conditions of awards, including the price (if any) to be paid for the shares of the award. The types of awards that may be granted under the 2016 Incentive Plan include stock options, RSUs, restricted stock, performance awards and other forms of awards granted or denominated in shares of Vistra Energy common stock, as well as certain cash-based awards.

If any stock option or other stock-based award granted under the 2016 Incentive Plan expires, terminates or is canceled for any reason without having been exercised in full, the number of shares of Vistra Energy common stock underlying any unexercised award shall again be available for the purpose of awards under the 2016 Incentive Plan. If any shares of restricted stock, performance awards or other stock-based awards denominated in shares of Vistra Energy common stock awarded under the 2016 Incentive Plan are forfeited for any reason, the number of forfeited shares shall again be available for purposes of awards under the 2016 Incentive Plan. Any award under the 2016 Incentive Plan settled in cash shall not be counted against the maximum share limitation.

As is customary in incentive plans of this nature, each share limit and the number and kind of shares available under the 2016 Incentive Plan and any outstanding awards, as well as the exercise or purchase price of awards, and performance targets under certain types of performance-based awards, are required to be adjusted in the event of certain reorganizations, mergers, combinations, recapitalizations, stock splits, stock dividends or other similar events that change the number or kind of shares outstanding, and extraordinary dividends or distributions of property to the Vistra Energy stockholders.

Stock-based compensation expense is reported as SG&A in the statement of consolidated net income (loss) as follows:

	Successor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016
Total stock-based compensation expense	\$ 19	\$ 3
Income tax benefit	(7)	(1)
Stock based-compensation expense, net of tax	\$ 12	\$ 2

## Stock Options

The fair value of each stock option is estimated on the date of grant using a Black-Scholes option-pricing model. The risk-free interest rate used in the option valuation model was based on yields available on the grant dates for U.S. Treasury Strips with maturity consistent with the expected life assumption. The expected term of the option represents the period of time that options granted are expected to be outstanding and is based on the SEC Simplified Method (midpoint of average vesting time and contractual term). Expected volatility is based on an average of the historical, daily volatility of a peer group selected by Vistra Energy over a period consistent with the expected life assumption ending on the grant date. We assumed no dividend yield in the valuation of the options. These options may be exercised over either three- or four-year graded vesting periods and will expire 10 years from the grant date.

The 2016 Incentive Plan includes an anti-dilutive provision that requires any outstanding option awards to be adjusted for the effect of equity restructurings. In March 2017, the board of directors of Vistra Energy declared that the exercise price of each outstanding option be reduced by \$2.32, the amount per share of common stock related to the Special Dividend (see Note 14).

Stock options outstanding at December 31, 2017 are all held by current employees. The following table summarizes our stock option activity:

	Successor			
	Year Ended December 31, 2017			
	Stock Options (in thousands)	Weighted Average Exercise Price	Weighted Average Remaining Contractual Term (Years)	Aggregate Intrinsic Value (in millions)
Total outstanding at beginning of period	7,357	\$ 15.81	9.8	\$ —
Granted	1,412	\$ 18.86		
Exercised	(281)	\$ 13.41		
Forfeited or expired	(352)	\$ 13.76		
Total outstanding at end of period	8,136	\$ 14.44	9.0	\$ 32.4
Expected to vest	6,618	\$ 14.65	9.1	\$ 25.1

At December 31, 2017, \$30 million of unrecognized compensation cost related to unvested stock options granted under the 2016 Incentive Plan are expected to be recognized over a weighted average period of approximately 3 years.

## Restricted Stock Units

The following table summarizes our restricted stock unit activity:

	Successor			
	Year Ended December 31, 2017			
	Restricted Stock Units (in thousands)	Weighted Average Grant Date Fair Value	Weighted Average Remaining Contractual Term (Years)	Aggregate Intrinsic Value (in millions)
Total outstanding at beginning of period	2,159	\$ 15.79	2.3	\$ 33.5
Granted	861	\$ 18.84		
Exercised	(538)	\$ 15.76		
Forfeited or expired	(107)	\$ 15.85		
Total outstanding at end of period	2,375	\$ 16.91	1.9	\$ 43.5
Expected to vest	2,375	\$ 16.91	1.9	\$ 43.5

At December 31, 2017, \$37 million of unrecognized compensation cost related to unvested restricted stock units granted under the 2016 Incentive Plan are expected to be recognized over a weighted average period of approximately 3 years.

### ***Performance Stock Units***

In October 2017, we issued Performance Stock Units (PSUs) to certain members of management. As of December 31, 2017, we had not yet established the significant terms of the PSUs relevant to vesting (scorecard and metric design, thresholds, and targets); therefore, a grant date for financial accounting purposes has not occurred.

## **19. RELATED PARTY TRANSACTIONS**

### ***Successor***

In connection with Emergence, we entered into agreements with certain of our affiliates and with parties who received shares of common stock and TRA Rights in exchange for their claims.

### ***Registration Rights Agreement***

Pursuant to the Plan of Reorganization, on the Effective Date, we entered into a Registration Rights Agreement (the Registration Rights Agreement) with certain selling stockholders providing for registration of the resale of the Vistra Energy common stock held by such selling stockholders.

In December 2016, we filed a Form S-1 registration statement with the SEC to register for resale the shares of Vistra Energy common stock held by certain significant stockholders pursuant to the Registration Rights Agreement. The registration statement was amended in February 2017, April 2017 and May 2017. The registration statement was declared effective by the SEC in May 2017. Among other things, under the terms of the Registration Rights Agreement:

- we will be required to use reasonable best efforts to convert the Form S-1 registration statement into a registration statement on Form S-3 as soon as reasonably practicable after we become eligible to do so and to have such Form S-3 declared effective as promptly as practicable (but in no event more than 30 days after it is filed with the SEC);
- if we propose to file certain types of registration statements under the Securities Act with respect to an offering of equity securities, we will be required to use our reasonable best efforts to offer the other parties to the Registration Rights Agreement the opportunity to register all or part of their shares on the terms and conditions set forth in the Registration Rights Agreement; and
- the selling stockholders received the right, subject to certain conditions and exceptions, to request that we file registration statements or amend or supplement registration statements, with the SEC for an underwritten offering of all or part of their respective shares of Vistra Energy common stock (a Demand Registration), and the Company is required to cause any such registration statement or amendment or supplement (a) to be filed with the SEC promptly and, in any event, on or before the date that is 45 days , in the case of a registration statement on Form S-1, or 30 days , in the case of a registration statement on Form S-3, after we receive the written request from the relevant selling stockholders to effectuate the Demand Registration and (b) to become effective as promptly as reasonably practicable and in any event no later than 120 days after it is initially filed.

All expenses of registration under the Registration Rights Agreement, including the legal fees of one counsel retained by or on behalf of the selling stockholders, will be paid by us. Legal fee expenses paid or accrued by Vistra Energy on behalf of the selling stockholders totaled less than \$1 million during the year ended December 31, 2017 .

### ***Tax Receivable Agreement***

On the Effective Date, Vistra Energy entered into the TRA with a transfer agent on behalf of certain former first lien creditors of TCEH. See Note 9 for discussion of the TRA.

### ***Predecessor***

See Note 5 for a discussion of certain agreements entered into on the Effective Date between EFH Corp. and Vistra Energy with respect to the separation of the entities, including a separation agreement, a transition services agreement, a tax matters agreement and a settlement agreement.

The following represent our Predecessor's significant related-party transactions. As of the Effective Date, pursuant to the Plan of Reorganization, the Sponsor Group, EFH Corp., EFIH, Oncor Holdings and Oncor ceased being affiliates of Vistra Energy and its subsidiaries, including the TCEH Debtors and the Contributed EFH Debtors.

- Our retail operations (and prior to the Effective Date, our Predecessor) pay Oncor for services it provides, principally the delivery of electricity. Expenses recorded for these services, reported in fuel, purchased power costs and delivery fees, totaled \$700 million and \$955 million for the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively.
- A former subsidiary of EFH Corp. billed our Predecessor's subsidiaries for information technology, financial, accounting and other administrative services at cost. These charges, which are largely settled in cash and primarily reported in SG&A expenses, totaled \$157 million and \$205 million for the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively.
- Under Texas regulatory provisions, the trust fund for decommissioning the Comanche Peak nuclear generation facility is funded by a delivery fee surcharge billed to REPs by Oncor, as collection agent, and remitted monthly to Vistra Energy (and prior to the Effective Date, our Predecessor) for contribution to the trust fund with the intent that the trust fund assets, reported in other investments in our consolidated balance sheets, will ultimately be sufficient to fund the future decommissioning liability, reported in asset retirement obligations in our consolidated balance sheets. The delivery fee surcharges remitted to our Predecessor totaled \$15 million and \$17 million for the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively. Income and expenses associated with the trust fund and the decommissioning liability incurred by Vistra Energy (and prior to the Effective Date, our Predecessor) are offset by a net change in a receivable/payable that ultimately will be settled through changes in Oncor's delivery fee rates.
- EFH Corp. files consolidated federal income tax and Texas state margin tax returns that included our results prior to the Effective Date; however, under a Federal and State Income Tax Allocation Agreement, our federal income tax and Texas margin tax expense and related balance sheet amounts, including income taxes payable to or receivable from EFH Corp., were recorded as if our Predecessor filed its own corporate income tax return. For the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, our Predecessor made income tax payments to EFH Corp. totaling \$22 million and \$29 million, respectively. In 2015, \$609 million of income tax liability was eliminated under the terms of the Settlement Agreement. See Note 8 for discussion of cessation of payment of federal income taxes pursuant to the Settlement Agreement.
- Contributions to the EFH Corp. retirement plan by both Oncor and TCEH in 2014, 2015 and 2016 resulted in the EFH Corp. retirement plan being fully funded as calculated under the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA). In September 2016, a cash contribution totaling \$2 million was made to the EFH Corp. retirement plan, all of which was contributed by TCEH, which resulted in the EFH Retirement Plan continuing to be fully funded as calculated under the provisions of ERISA. On the Effective Date, the EFH Retirement Plan was transferred to Vistra Energy pursuant to a separation agreement between Vistra Energy and EFH Corp.
- In 2007, TCEH entered into the TCEH Senior Secured Facilities with syndicates of financial institutions and other lenders. These syndicates included affiliates of GS Capital Partners, which is a member of the Sponsor Group. Affiliates of each member of the Sponsor Group have from time to time engaged in commercial banking transactions with TCEH and/or provided financial advisory services to TCEH, in each case in the normal course of business.
- Affiliates of GS Capital Partners were parties to certain commodity and interest rate hedging transactions with our Predecessor in the normal course of business.
- Affiliates of the Sponsor Group have sold or acquired, and in the future may sell or acquire, debt or debt securities issued by our Predecessor in open market transactions or through loan syndications.

- As a result of debt repurchase and exchange transactions in 2009 through 2011, EFH Corp. and EFIH held TCEH debt securities totaling \$382 million as of the Petition Date. These notes payable were classified as LSTC. The amounts of TCEH debt held by EFIH or EFH Corp. were eliminated as a result of the Settlement Agreement approved by the Bankruptcy Court in December 2015 (see Note 5 ). In conjunction with the Settlement Agreement approved by the Bankruptcy Court in December 2015, EFH Corp. and EFIH waived their rights to the claims associated with these debt securities resulting in a gain recorded in reorganization items (see Note 5 ). Interest expense on the notes totaled \$1 million for the year ended December 31, 2015 . Contractual interest, not paid or recorded, totaled \$37 million for the year ended December 31, 2015 . See Note 10 .

## 20. SEGMENT INFORMATION

The operations of Vistra Energy are aligned into two reportable business segments: Wholesale Generation and Retail Electricity. Our chief operating decision maker reviews the results of these two segments separately and allocates resources to the respective segments as part of our strategic operations. These two business units offer different products or services and involve different risks.

The Wholesale Generation segment is engaged in electricity generation, wholesale energy sales and purchases, commodity risk management activities, fuel production and fuel logistics management, all largely in the ERCOT market. These activities are substantially all conducted by Luminant.

The Retail Electricity segment is engaged in retail sales of electricity and related services to residential, commercial and industrial customers, all largely in the ERCOT market. These activities are substantially all conducted by TXU Energy.

Corporate and Other represents the remaining non-segment operations consisting primarily of general corporate expenses, interest, taxes and other expenses related to our support functions that provide shared services to our Wholesale Generation and Retail Electricity segments.

The accounting policies of the business segments are the same as those described in the summary of significant accounting policies in Note 1 . Our chief operating decision maker uses more than one measure to assess segment performance, including reported segment operating income and segment net income (loss), which is the measure most comparable to consolidated net income (loss) prepared based on GAAP. We account for intersegment sales and transfers as if the sales or transfers were to third parties, that is, at current market prices. Certain shared services costs are allocated to the segments.



	Successor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016
Operating revenues (a)		
Wholesale Generation	\$ 2,758	\$ 450
Retail Electricity	4,058	912
Eliminations	(1,386)	(171)
Consolidated operating revenues	\$ 5,430	\$ 1,191
Depreciation and amortization		
Wholesale Generation	\$ 230	\$ 53
Retail Electricity	430	153
Corporate and Other	40	11
Eliminations	(1)	(1)
Consolidated depreciation and amortization	\$ 699	\$ 216
Operating income (loss)		
Wholesale Generation	\$ (186)	\$ (255)
Retail Electricity	461	111
Corporate and Other	(77)	(17)
Consolidated operating income (loss)	\$ 198	\$ (161)
Interest expense and related charges		
Wholesale Generation	\$ 21	\$ (1)
Corporate and Other	252	66
Eliminations	(80)	(5)
Consolidated interest expense and related charges	\$ 193	\$ 60
Income tax expense (benefit)(all Corporate and Other)	\$ 504	\$ (70)
Net income (loss)		
Wholesale Generation	\$ (177)	\$ (251)
Retail Electricity	495	114
Corporate and Other	(572)	(26)
Consolidated net income (loss)	\$ (254)	\$ (163)
Capital expenditures		
Wholesale Generation	\$ 150	\$ 84
Retail Electricity	—	5
Corporate and Other	26	—
Consolidated capital expenditures	\$ 176	\$ 89

(a) For the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, includes third-party unrealized net gains (losses) from mark-to-market valuations of commodity positions of \$(151) million and \$(182) million, respectively, recorded to the Wholesale Generation segment and \$18 million and \$(6) million, respectively, recorded to the Retail Electricity segment. In addition, for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, unrealized net gains (losses) with affiliate of \$(154) million and \$(113) million, respectively, were recorded to operating revenues for the Wholesale Generation segment and corresponding unrealized net gains (losses) with affiliate of \$154 million and \$113 million, respectively, were recorded to fuel, purchased power costs and delivery fees for the Retail Electricity segment, with no impact to consolidated results.

	December 31,	
	2017	2016
Total assets		
Wholesale Generation	\$ 7,069	\$ 6,952
Retail Electricity	6,156	5,753
Corporate and Other and Eliminations	1,375	2,462
Consolidated total assets	<u>\$ 14,600</u>	<u>\$ 15,167</u>

Prior to the Effective Date, our Predecessor's chief operating decision maker reviewed the retail electricity, wholesale generation and commodity risk management activities together. Consequently, there were no reportable business segments for TCEH.

## 21.SUPPLEMENTARY FINANCIAL INFORMATION

### Other Income and Deductions

	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Other income:				
Office space sublease rental income (a)	\$ 11	\$ 2	\$ —	\$ —
Mineral rights royalty income (b)	3	1	3	4
Sale of land (b)	4	—	—	—
Curtailment gain on employee benefit plans (a)	—	4	—	—
Insurance settlement	—	—	9	—
Interest income	15	1	3	1
All other	4	2	4	13
Total other income	<u>\$ 37</u>	<u>\$ 10</u>	<u>\$ 19</u>	<u>\$ 18</u>
Other deductions:				
Write-off of generation equipment (b)	2	—	45	—
Adjustment to asbestos liability	—	—	11	—
Impairment of favorable purchase contracts (Note 7)	—	—	—	8
Impairment of emission allowances (Note 7)	—	—	—	55
Impairment of mining development costs	—	—	—	19
All other	3	—	19	11
Total other deductions	<u>\$ 5</u>	<u>\$ —</u>	<u>\$ 75</u>	<u>\$ 93</u>

(a) Reported in Corporate and Other non-segment (Successor period only).

(b) Reported in Wholesale Generation segment (Successor period only).

### Restricted Cash

	December 31, 2017		December 31, 2016	
	Current Assets	Noncurrent Assets	Current Assets	Noncurrent Assets
Amounts related to the Vistra Operations Credit Facilities (Note 12)	\$ —	\$ 500	\$ —	\$ 650
Amounts related to restructuring escrow accounts	59	—	90	—
Other	—	—	5	—
Total restricted cash	<u>\$ 59</u>	<u>\$ 500</u>	<u>\$ 95</u>	<u>\$ 650</u>

### Trade Accounts Receivable

	December 31,	
	2017	2016
Wholesale and retail trade accounts receivable	\$ 596	\$ 622
Allowance for uncollectible accounts	(14)	(10)
Trade accounts receivable — net	<u>\$ 582</u>	<u>\$ 612</u>

Gross trade accounts receivable at December 31, 2017 and 2016 included unbilled retail revenues of \$251 million and \$225 million, respectively.

### Allowance for Uncollectible Accounts Receivable

	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Allowance for uncollectible accounts receivable at beginning of period	\$ 10	\$ —	\$ 9	\$ 15
Increase for bad debt expense	43	10	20	34
Decrease for account write-offs	(39)	—	(16)	(40)
Allowance for uncollectible accounts receivable at end of period	<u>\$ 14</u>	<u>\$ 10</u>	<u>\$ 13</u>	<u>\$ 9</u>

### Inventories by Major Category

	December 31,	
	2017	2016
Materials and supplies	\$ 149	\$ 173
Fuel stock	83	88
Natural gas in storage	21	24
Total inventories	<u>\$ 253</u>	<u>\$ 285</u>

### Other Investments

	December 31,	
	2017	2016
Nuclear plant decommissioning trust	\$ 1,188	\$ 1,012
Land	49	49
Miscellaneous other	3	3
Total other investments	<u>\$ 1,240</u>	<u>\$ 1,064</u>

**Nuclear Decommissioning Trust** — Investments in a trust that will be used to fund the costs to decommission the Comanche Peak nuclear generation plant are carried at fair value. Decommissioning costs are being recovered from Oncor's customers as a delivery fee surcharge over the life of the plant and deposited by Vistra Energy (and prior to the Effective Date, a subsidiary of TCEH) in the trust fund. Income and expense associated with the trust fund and the decommissioning liability are offset by a corresponding change in a receivable/payable (currently a receivable reported in noncurrent assets) that will ultimately be settled through changes in Oncor's delivery fees rates. The nuclear decommissioning trust fund was not a debtor in the Chapter 11 Cases. A summary of investments in the fund follows:

December 31, 2017				
	Cost (a)	Unrealized gain	Unrealized loss	Fair market value
Debt securities (b)	\$ 418	\$ 14	\$ (2)	\$ 430
Equity securities (c)	265	495	(2)	758
Total	\$ 683	\$ 509	\$ (4)	\$ 1,188

December 31, 2016				
	Cost (a)	Unrealized gain	Unrealized loss	Fair market value
Debt securities (b)	\$ 333	\$ 10	\$ (3)	\$ 340
Equity securities (c)	309	368	(5)	672
Total	\$ 642	\$ 378	\$ (8)	\$ 1,012

(a) Includes realized gains and losses on securities sold.

(b) The investment objective for debt securities is to invest in a diversified tax efficient portfolio with an overall portfolio rating of AA or above as graded by S&P or Aa2 by Moody's Investors Services, Inc. The debt securities are heavily weighted with government and municipal bonds and investment grade corporate bonds. The debt securities had an average coupon rate of 3.55% and 3.56% at December 31, 2017 and 2016, respectively, and an average maturity of 9 years at both December 31, 2017 and 2016.

(c) The investment objective for equity securities is to invest tax efficiently and to match the performance of the S&P 500 Index.

Debt securities held at December 31, 2017 mature as follows: \$111 million in one to 5 years, \$99 million in five to 10 years and \$220 million after 10 years.

The following table summarizes proceeds from sales of available-for-sale securities and the related realized gains and losses from such sales.

	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Realized gains	\$ 9	\$ 1	\$ 3	\$ 1
Realized losses	\$ (11)	\$ —	\$ (2)	\$ (1)
Proceeds from sales of securities	\$ 252	\$ 25	\$ 201	\$ 401
Investments in securities	\$ (272)	\$ (30)	\$ (215)	\$ (418)

**Property, Plant and Equipment**

	December 31,	
	2017	2016
Wholesale Generation:		
Generation and mining	\$ 4,501	\$ 3,997
Retail Electricity	5	3
Corporate and Other	120	107
Total	4,626	4,107
Less accumulated depreciation	(282)	(54)
Net of accumulated depreciation	4,344	4,053
Nuclear fuel (net of accumulated amortization of \$111 million and \$31 million)	158	166
Construction work in progress:		
Wholesale Generation	312	210
Retail Electricity	—	6
Corporate and Other	6	8
Total construction work in progress	318	224
Property, plant and equipment — net	\$ 4,820	\$ 4,443

Depreciation expense totaled \$236 million, \$54 million, \$401 million and \$767 million for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 and the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively.

Our property, plant and equipment consists of our power generation assets, related mining assets, information system hardware, capitalized corporate office lease space and other leasehold improvements. At December 31, 2017, the capital lease for the building totaled \$65 million with accumulated depreciation of \$3 million. The estimated remaining useful lives range from 2 to 36 years for our property, plant and equipment.

**Asset Retirement and Mining Reclamation Obligations (ARO)**

These liabilities primarily relate to nuclear generation plant decommissioning, land reclamation related to lignite mining, removal of lignite/coal ash treatment facilities and generation plant asbestos removal and disposal costs. There is no earnings impact with respect to changes in the nuclear plant decommissioning liability, as all costs are recoverable through the regulatory process as part of delivery fees charged by Oncor. As part of fresh start reporting, new fair values were established for all AROs for the Successor.

At December 31, 2017, the carrying value of our ARO related to our nuclear generation plant decommissioning totaled \$1.233 billion, which exceeds the fair value of the assets contained in the nuclear decommissioning trust. Since the costs to ultimately decommission that plant are recoverable through the regulatory rate making process as part of Oncor's delivery fees, a corresponding regulatory asset has been recorded to our consolidated balance sheet of \$45 million in other noncurrent assets.

The following table summarizes the changes to these obligations, reported as asset retirement obligations (current and noncurrent liabilities) in our consolidated balance sheets, for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 and the Predecessor period from January 1, 2016 through October 2, 2016, respectively:

	Nuclear Plant Decommissioning	Mining Land Reclamation	Other	Total
<b>Predecessor:</b>				
Liability at December 31, 2015	\$ 508	\$ 215	\$ 107	\$ 830
Additions:				
Accretion — January 1, 2016 through October 2, 2016	22	16	5	43
Adjustment for new cost estimate	—	—	1	1
Incremental reclamation costs	—	14	12	26
Reductions:				
Payments — January 1, 2016 through October 2, 2016	—	(37)	(3)	(40)
Liability at October 2, 2016	530	208	122	860
Less amounts due currently	—	(50)	(1)	(51)
Noncurrent liability at October 2, 2016	<u>\$ 530</u>	<u>\$ 158</u>	<u>\$ 121</u>	<u>\$ 809</u>
<b>Successor:</b>				
Fair value of liability established at October 3, 2016	\$ 1,192	\$ 374	\$ 152	\$ 1,718
Additions:				
Accretion — October 3, 2016 through December 31, 2016	8	5	1	14
Reductions:				
Payments — October 3, 2016 through December 31, 2016	—	(4)	(2)	(6)
Liability at December 31, 2016	1,200	375	151	1,726
Additions:				
Accretion	33	18	8	59
Adjustment for change in estimates (a)	—	81	44	125
Incremental reclamation costs (b)	—	—	62	62
Reductions:				
Payments	—	(36)	—	(36)
Liability at December 31, 2017	1,233	438	265	1,936
Less amounts due currently	—	(93)	(6)	(99)
Noncurrent liability at December 31, 2017	<u>\$ 1,233</u>	<u>\$ 345</u>	<u>\$ 259</u>	<u>\$ 1,837</u>

(a) Amounts primarily relate to the impacts of accelerating the ARO associated with the retirements of the Sandow 4, Sandow 5, Big Brown and Monticello plants (see Note 4 ).

(b) Amounts primarily relate to liabilities incurred as part of acquiring certain real property through the Alcoa contract settlement (see Note 4 ).

#### **Other Noncurrent Liabilities and Deferred Credits**

The balance of other noncurrent liabilities and deferred credits consists of the following:

	December 31,	
	2017	2016
Unfavorable purchase and sales contracts	\$ 36	\$ 46
Other, including retirement and other employee benefits	220	174
Total other noncurrent liabilities and deferred credits	<u>\$ 256</u>	<u>\$ 220</u>

**Unfavorable Purchase and Sales Contracts** — The amortization of unfavorable purchase and sales contracts totaled \$10 million, \$3 million, \$18 million and \$23 million for the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016 and the Predecessor period from January 1, 2016 through October 2, 2016 and the year ended December 31, 2015, respectively. See Note 7 for intangible assets related to favorable purchase and sales contracts.

The estimated amortization of unfavorable purchase and sales contracts for each of the next five fiscal years is as follows:

Year	Amount
2018	\$ 11
2019	\$ 9
2020	\$ 9
2021	\$ 1
2022	\$ 3

#### **Fair Value of Debt**

Debt:	December 31, 2017		December 31, 2016	
	Carrying Amount	Fair Value	Carrying Amount	Fair Value
Long-term debt under the Vistra Operations Credit Facilities (Note 12)	\$ 4,323	\$ 4,334	\$ 4,515	\$ 4,552
Other long-term debt, excluding capital lease obligations (Note 12)	30	27	36	32
Mandatorily redeemable subsidiary preferred stock (Note 12)	70	70	70	70

We determine fair value in accordance with accounting standards as discussed in Note 15, and at December 31, 2017, our debt fair value represents Level 2 valuations. We obtain security pricing from an independent party who uses broker quotes and third-party pricing services to determine fair values. Where relevant, these prices are validated through subscription services such as Bloomberg.

#### **Supplemental Cash Flow Information**

	Successor		Predecessor	
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016	Year Ended December 31, 2015
Cash payments related to:				
Interest paid (a)	\$ 245	\$ 19	\$ 1,064	\$ 1,298
Capitalized interest	(7)	(3)	(9)	(11)
Interest paid (net of capitalized interest) (a)	\$ 238	\$ 16	\$ 1,055	\$ 1,287
Income taxes	\$ 63	\$ (2)	\$ 22	\$ 29
Reorganization items (b)	\$ —	\$ —	\$ 104	\$ 224
Noncash investing and financing activities:				
Construction expenditures (c)	\$ 12	\$ 1	\$ 53	\$ 75

(a) Predecessor period includes amounts paid for adequate protection.

(b) Represents cash payments made by our Predecessor for legal and other consulting services, including amounts paid on behalf of third parties pursuant to contractual obligations approved by the Bankruptcy Court.

(c) Represents end-of-period accruals for ongoing construction projects.

**Item 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE**

None.

**Item 9A. CONTROLS AND PROCEDURES**

An evaluation was performed under the supervision and with the participation of our management, including the principal executive officer and principal financial officer, of the effectiveness of the design and operation of the disclosure controls and procedures in effect at the end of the current period included in this Annual Report on Form 10-K. Based on the evaluation performed, our principal executive officer and principal financial officer concluded that the disclosure controls and procedures were effective. During the fiscal quarter covered by this quarterly report, there has been no change in our internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting. This Annual Report on Form 10-K does not include a report of management's assessment regarding internal control over financial reporting or an attestation report of Vistra Energy's registered public accounting firm due to a transition period established by the rules of the SEC for newly public companies.

**Item 9B. OTHER INFORMATION**

None.



### **PART III**

#### **Item 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE**

Information required by this Item is incorporated herein by reference to the sections entitled "Management" and "Corporate Governance" in the Proxy Statement.

#### **Item 11.EXECUTIVE COMPENSATION**

Information required by this Item is incorporated herein by reference to the sections entitled "Executive Compensation" in the Proxy Statement.

#### **Item 12.SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS**

Information required by this Item is incorporated herein by reference to the sections entitled "Beneficial Ownership of Common Stock of the Company" in the Proxy Statement.

#### **Item 13.CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE**

Information required by this Item is incorporated herein by reference to the sections entitled "Business Relationships and Related Person Transactions Policy" and "Director Independence" in the Proxy Statement.

#### **Item 14. PRINCIPAL ACCOUNTING FEES**

Information required by this Item is incorporated herein by reference to the sections entitled "Principal Accounting Fees" in the Proxy Statement.

# PART IV

## Item 15. EXHIBITS, FINANCIAL STATEMENT SCHEDULES

(a) Our financial statements and financial statement schedules are incorporated under Part II, Item 8 of this Annual Report on Form 10-K.

### (b) SCHEDULE I – CONDENSED FINANCIAL INFORMATION OF REGISTRANT

**VISTRA ENERGY CORP. (PARENT)**  
**SCHEDULE I – CONDENSED FINANCIAL INFORMATION OF REGISTRANT**  
**CONDENSED STATEMENTS OF LOSS**  
**(Millions of Dollars)**

	<b>Successor</b>	
	<b>Year Ended December 31, 2017</b>	<b>Period from October 3, 2016 through December 31, 2016</b>
Selling, general and administrative expense	\$ (47)	\$ (7)
Loss from operations	(47)	(7)
Interest income	4	—
Impacts of Tax Receivable Agreement	213	(22)
Income (loss) before income taxes and equity earnings	170	(29)
Pretax equity in gains (losses) of consolidated subsidiaries	80	(204)
Income tax (expense) benefit	(504)	70
Net loss	\$ (254)	\$ (163)

See Notes to the Condensed Financial Statements.

**VISTRA ENERGY CORP. (PARENT)**  
**SCHEDULE I – CONDENSED FINANCIAL INFORMATION OF REGISTRANT**  
**CONDENSED STATEMENTS OF CASH FLOWS**  
(Millions of Dollars)

	<b>Successor</b>	
	<b>Year Ended December 31, 2017</b>	<b>Period from October 3, 2016 through December 31, 2016</b>
Cash flows — operating activities:		
Net loss	\$ (254)	\$ (163)
Adjustments to reconcile net loss to cash provided by (used in) operating activities:		
Pretax equity in (gains) losses of consolidated subsidiaries	(80)	204
Deferred income tax benefit (expense), net	418	(76)
Impacts of Tax Receivables Agreement	(213)	22
Other, net	23	3
Changes in operating assets and liabilities	(2)	(26)
Cash used in operating activities	(108)	(36)
Cash flows — financing activities:		
Special dividend (Note 4)	—	(992)
Other, net	(1)	1
Cash used in financing activities	(1)	(991)
Cash flows — investing activities:		
Dividend received from subsidiaries	1,505	997
Odessa Acquisition	(330)	—
Changes in restricted cash	32	36
Cash provided by investing activities	1,207	1,033
Net change in cash and cash equivalents	1,098	6
Cash and cash equivalents — beginning balance	26	20
Cash and cash equivalents — ending balance	\$ 1,124	\$ 26

See Notes to the Condensed Financial Statements.

**VISTRA ENERGY CORP. (PARENT)**  
**SCHEDULE I – CONDENSED FINANCIAL INFORMATION OF REGISTRANT**  
**CONDENSED BALANCE SHEETS**  
(Millions of Dollars)

	December 31	
	2017	2016
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 1,124	\$ 26
Restricted cash	59	90
Other current assets	5	3
Total current assets	1,188	119
Equity investments in consolidated subsidiaries	4,927	6,067
Accumulated deferred income taxes	710	1,122
Other noncurrent assets	6	7
Total assets	\$ 6,831	\$ 7,315
<b>LIABILITIES AND EQUITY</b>		
Current liabilities:		
Trade accounts payable	\$ 11	\$ —
Accrued taxes	59	31
Other current liabilities	86	91
Total current liabilities	156	122
Tax Receivable Agreement obligation	333	596
Total liabilities	489	718
Total shareholders' equity	6,342	6,597
Total liabilities and equity	\$ 6,831	\$ 7,315

See Notes to the Condensed Financial Statements.

**NOTES TO CONDENSED FINANCIAL STATEMENTS**

**1. BASIS OF PRESENTATION**

The accompanying unconsolidated condensed balance sheets, statements of net loss and cash flows present results of operations and cash flows of Vistra Energy Corp. (Parent). Certain information and footnote disclosures normally included in financial statements prepared in accordance with U.S. GAAP have been omitted pursuant to the rules of the SEC. Because the unconsolidated condensed financial statements do not include all of the information and footnotes required by U.S. GAAP, they should be read in conjunction with the financial statements and related notes of Vistra Energy Corp. and Subsidiaries included in the 2017 Annual Report on Form 10-K. Vistra Energy Corp.'s subsidiaries have been accounted for under the equity method. All dollar amounts in the financial statements and tables in the notes are stated in millions of U.S. dollars unless otherwise indicated.

Vistra Energy Corp. (Parent) will file a consolidated U.S. federal income tax return. All consolidated tax expenses/benefits and deferred tax assets/liabilities are recorded at Vistra Energy Corp. (Parent).

## **2. RESTRICTIONS ON SUBSIDIARIES**

The agreement governing the Vistra Operations Credit Facilities (the Credit Facilities Agreement) generally restricts the ability of Vistra Operations Company LLC (Vistra Operations) to make distributions to any direct or indirect parent unless such distributions are expressly permitted thereunder. As of December 31, 2017, Vistra Operations can distribute approximately \$1.0 billion to Vistra Energy Corp. (Parent) under the Credit Facilities Agreement without the consent of any party. The amount that can be distributed by Vistra Operations to Parent was partially reduced by distributions made by Vistra Operations to Parent during the year ended December 31, 2017 of approximately \$1.1 billion. Additionally, Vistra Operations may make distributions to Vistra Energy Corp. (Parent) in amounts sufficient for Vistra Energy Corp. (Parent) to make any payments required under the Tax Receivables Agreement or the Tax Matters Agreement or, to the extent arising out of Vistra Energy Corp.'s (Parent) ownership or operation of Vistra Operations, to pay any taxes or general operating or corporate overhead expenses. As of December 31, 2017, the maximum amount of restricted net assets of Vistra Operations that may not be distributed to Parent totaled \$3.9 billion.

## **3. GUARANTEES**

As of December 31, 2017, there are no material outstanding guarantees at Vistra Energy Corp. (Parent).

## **4. DIVIDEND RESTRICTIONS**

Under applicable law, Vistra Energy Corp. (Parent) is prohibited from paying any dividend to the extent that immediately following payment of such dividend there would be no statutory surplus or Vistra Energy Corp. (Parent) would be insolvent. On December 30, 2016, Vistra Energy Corp. (Parent) paid a special cash dividend in the aggregate amount of approximately \$992 million to holders of record of its common stock on December 19, 2016.

Vistra Energy Corp. (Parent) received \$1.505 billion and \$997 million in dividends from its consolidated subsidiaries in the Successor period for the year ended December 31, 2017 and the period from October 3, 2016 through December 31, 2016, respectively.

(c) EXHIBITS:

Vistra Energy Corp. Exhibits to Form 10-K for the Fiscal Year Ended December 31, 2017

Exhibits	Previously Filed With File Number*	As Exhibit	
<b>(2) Plan of Acquisition, Reorganization, Arrangement, Liquidation, or Succession</b>			
2(a)	333-215288 Form S-1 (filed December 23, 2016)	2.1	— <a href="#">Order of the United States Bankruptcy Court for the District of Delaware Confirming the Third Amended Joint Plan of Reorganization</a>
2(b)	001-38086 Form 8-K (filed October 31, 2017)	2.1	— <a href="#">Agreement and Plan of Merger, dated as of October 29, 2017, by and between Vistra Energy Corp. and Dynegy, Inc.</a>
<b>(3(i)) Articles of Incorporation</b>			
3(a)	333-215288 Form S-1 (filed December 23, 2016)	3.1	<a href="#">Certification of Incorporation of TCEH Corp. (now known as Vistra Energy Corp.), dated October 3, 2016</a>
3(b)	333-215288 Form S-1 (filed December 23, 2016)	3.2	— <a href="#">Certificate of Amendment of Certificate of Incorporation of TCEH Corp. (now known as Vistra Energy Corp.), dated November 2, 2016</a>
<b>(3(ii)) By-laws</b>			
3(c)	333-215288 Form S-1 (filed December 23, 2016)	3.3	— <a href="#">Restated Bylaws of Vistra Energy Corp., dated November 4, 2016</a>
<b>(4) Instruments Defining the Rights of Security Holders, Including Indentures</b>			
4(a)	333-215288 Form S-1 (filed December 23, 2016)	4.1	— <a href="#">Registration Rights Agreement, by and among TCEH Corp. (now known as Vistra Energy Corp.) and the Holders party thereto, dated as of October 3, 2016</a>
<b>(10) Material Contracts</b>			
<b>Management Contracts; Compensatory Plans, Contracts and Arrangements</b>			
10(a)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.6	— <a href="#">2016 Omnibus Incentive Plan</a>
10(b)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.7	— <a href="#">Form of Option Award Agreement (Management) for 2016 Omnibus Incentive Plan</a>
10(c)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.8	— <a href="#">Form of Restricted Stock Unit Award Agreement (Management) for 2016 Omnibus Incentive Plan</a>
10(d)	**		— <a href="#">Form of Performance Stock Unit Award Agreement for 2016 Omnibus Incentive Plan</a>
10(e)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.9	— <a href="#">Vistra Energy Corp. Executive Annual Incentive Plan</a>
10(f)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.10	— <a href="#">Stockholder's Agreement, by and between TCEH Corp. (now known as Vistra Energy Corp.) and Apollo Management Holdings, L.P., dated as of October 3, 2016</a>



<b>Exhibits</b>	<b>Previously Filed With File Number*</b>	<b>As Exhibit</b>	
10(g)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.11	— <a href="#">Stockholder's Agreement, by and between TCEH Corp. (now known as Vistra Energy Corp.) and Brookfield Asset Management Private Institutional Capital Adviser (Canada), dated as of October 3, 2016</a>
10(h)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.12	— <a href="#">Stockholder's Agreement, by and between TCEH Corp. (now known as Vistra Energy Corp.) and Oaktree Capital Management, L.P. and certain of its affiliated entities, dated as of October 3, 2016</a>
10(i)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.19	— <a href="#">Employment Agreement between Curtis A. Morgan and Vistra Energy Corp.</a>
10(j)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.20	— <a href="#">Employment Agreement between James A. Burke and Vistra Energy Corp.</a>
10(k)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.21	— <a href="#">Employment Agreement between William Holden and Vistra Energy Corp.</a>
10(l)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.22	— <a href="#">Employment Agreement between Stephanie Zapata Moore and Vistra Energy Corp.</a>
10(m)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.23	— <a href="#">Employment Agreement between Carrie Lee Kirby and Vistra Energy Corp.</a>
10(n)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.24	— <a href="#">Employment Agreement between Sara Graziano and Vistra Energy Corp.</a>
10(o)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.25	— <a href="#">General Release Agreement, dated as of January 31, 2017, by and between Michael Liebelson and Vistra Energy Corp.</a>
10(p)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.26	— <a href="#">Form of indemnification agreement with directors</a>
10(q)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.29	— <a href="#">Stock Purchase Agreement, dated as of October 25, 2016, by and between TCEH Corp. (now known as Vistra Energy Corp.) and Curtis A. Morgan</a>
<b>Credit Agreements and Related Agreements</b>			
10(r)	333-215288 Form S-1 (filed December 23, 2016)	10.1	— <a href="#">Credit Agreement, dated as of October 3, 2017</a>
10(s)	333-215288 Form S-1 (filed December 23, 2016)	10.2	— <a href="#">Amendment to Credit Agreement, dated December 14, 2016, by and among Deutsche Bank AG New York Branch, Vistra Operations Company LLC, Vistra Intermediate Company LLC and the other Credit Parties and Lenders party thereto.</a>





<b>Exhibits</b>	<b>Previously Filed With File Number*</b>	<b>As Exhibit</b>	
10(t)	333-215288 Amendment No. 1 to Form S-1 (filed February 14, 2017)	10.3	— <a href="#">Second Amendment to Credit Agreement, dated February 1, 2017, by and among Deutsche Bank AG New York Branch, Vistra Operations Company LLC, Vistra Intermediate Company LLC and the other Credit Parties and Lenders party thereto.</a>
10(u)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.4	— <a href="#">Third Amendment to Credit Agreement, dated February 28, 2017, by and among Deutsche Bank AG New York Branch, Vistra Operations Company LLC, Vistra Intermediate Company LLC and the other Credit Parties and Lenders party thereto.</a>
10(v)	001-38086 Form 8-K (filed August 17, 2017)	10.1	— <a href="#">Fourth Amendment to Credit Agreement, dated as of August 17, 2017 (effective August 17, 2017), by and among Deutsche Bank AG New York Branch, Vistra Operations Company LLC, Vistra Intermediate Company LLC and the other Credit Parties and Lenders party thereto.</a>
10(w)	001-38086 Form 8-K (filed December 14, 2017)	10.1	— <a href="#">Fifth Amendment to Credit Agreement, dated as of December 14, 2017 (effective December 14, 2017), by and among Deutsche Bank AG New York Branch, Vistra Operations Company LLC, Vistra Intermediate Company LLC and the other Credit Parties and Lenders party thereto.</a>
10(x)	001-38086 Form 8-K (filed February 22, 2018)	10.1	— <a href="#">Sixth Amendment to Credit Agreement, dated as of February 20, 2018 (effective February 20, 2018), by and among Deutsche Bank AG New York Branch, Vistra Operations Company LLC, Vistra Intermediate Company LLC and the other Credit Parties and Lenders party thereto.</a>
<b>Other Material Contracts</b>			
10(y)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.5	— <a href="#">Collateral Trust Agreement, by and among TEX Operations Company LLC (now known as Vistra Operations LLC), the Grantors from time to time thereto, Railroad Commission of Texas, as first-out representative, and Deutsche Bank AG, New York Branch, as senior credit agreement representative, dated as of October 3, 2016</a>
10(z)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.13	— <a href="#">Tax Receivable Agreement, by and between TEX Energy LLC (now known as Vistra Energy Corp.) and American Stock Transfer &amp; Trust Company, as transfer agent, dated as of October 3, 2016</a>
10(aa)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.14	— <a href="#">Tax Matters Agreement, by and among TEX Energy LLC (now known as Vistra Energy Corp.), Energy Future Holdings Corp., Energy Future Intermediate Holding Company LLC, EFI Finance Inc. and EFH Merger Co. LLC, dated as of October 3, 2016</a>
10(bb)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.15	— <a href="#">Transition Services Agreement, by and between Energy Future Holdings Corp. and TEX Operations Company LLC (now known as Vistra Operations Company LLC), dated as of October 3, 2016</a>
10(cc)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.16	— <a href="#">Separation Agreement, by and between Energy Future Holdings Corp., TEX Energy LLC (now known as Vistra Energy Corp.) and TEX Operations Company LLC (now known as Vistra Operations LLC), dated as of October 3, 2016</a>
10(dd)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.17	— <a href="#">Purchase and Sale Agreement, dated as of November 25, 2015, by and between La Frontera Ventures, LLC and Luminant Holding Company LLC</a>
10(ee)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.18	— <a href="#">Amended and Restated Split Participant Agreement, by and between Oncor Electric Delivery Company LLC (f/k/a TXU Electric Delivery Company) and TEX Operations Company LLC (now known as Vistra Operations Company LLC), dated as of October 3, 2016</a>

<b>Exhibits</b>	<b>Previously Filed With File Number*</b>	<b>As Exhibit</b>	
10(ff)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.27	— <a href="#">Lease Agreement, dated February 14, 2002, between State Street Bank and Trust Company of Connecticut, National Association, an owner trustee of ZSF/Dallas Tower Trust, a Delaware grantor trust, as lessor and EFH Properties Company (now known as Vistra EP Properties Company), as Lessee (Energy Plaza Property)</a>
10(gg)	333-215288 Amendment No. 2 to Form S-1 (filed April 5, 2017)	10.28	— <a href="#">First Amendment, dated June 1, 2007, to Lease Agreement, dated February 14, 2002</a>
10(hh)	001-38086 Form 8-K (filed July 7, 2017)	10(a)	— <a href="#">Asset Purchase Agreement, dated as of July 5, 2017, by and among Odessa-Ector Power Partners, L.P., La Frontera Holdings, LLC, Vistra Operations Company LLC, Koch Resources, LLC</a>
10(ii)	001-38086 Form 8-K (filed October 31, 2017)	10.1	— <a href="#">Merger Support Agreement, dated as of October 29, 2017, by and between Vistra Energy Corp. and Terawatt Holdings, LP</a>
10(jj)	001-38086 Form 8-K (filed October 31, 2017)	10.2	— <a href="#">Merger Support Agreement, dated as of October 29, 2017, by and among Vistra Energy Corp. and Oaktree Opportunities Fund VIII, L.P., Oaktree Huntington Investment Fund, L.P., Oaktree Opportunities Fund VIII (Parallel 2), L.P., Oaktree Opportunities Fund VIIIb, L.P., Oaktree Opportunities Fund IX, L.P. and Oaktree Opportunities Fund IX (Parallel 2), L.P.</a>
<b>(12)</b>	<b>Statement Regarding Computation of Ratios</b>		
12(a)	**	—	<a href="#">Computation of Ratio of Earnings to Fixed Charges.</a>
<b>(21)</b>	<b>Subsidiaries of the Registrant</b>		
21(a)	**	—	<a href="#">Subsidiaries of Vistra Energy Corp.</a>
<b>(23)</b>	<b>Consent of Experts</b>		
23(a)	**	—	<a href="#">Consent of Deloitte &amp; Touche LLP</a>
<b>(31)</b>	<b>Rule 13a-14(a) / 15d-14(a) Certifications</b>		
31(a)	**	—	<a href="#">Certification of Curtis A. Morgan, principal executive officer of Vistra Energy Corp., pursuant to Section 302 of the Sarbanes-Oxley Act of 2002</a>
31(b)	**	—	<a href="#">Certification of J. William Holden, principal financial officer of Vistra Energy Corp., pursuant to Section 302 of the Sarbanes-Oxley Act of 2002</a>
<b>(32)</b>	<b>Section 1350 Certifications</b>		
32(a)	**	—	<a href="#">Certification of Curtis A. Morgan, principal executive officer of Vistra Energy Corp., pursuant to U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002</a>
32(b)	**	—	<a href="#">Certification of J. William Holden, principal financial officer of Vistra Energy Corp., pursuant to U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002</a>
<b>(95)</b>	<b>Mine Safety Disclosures</b>		
95(a)	**	—	<a href="#">Mine Safety Disclosures</a>

Exhibits	Previously Filed With File Number*	As Exhibit
<b>XBRL Data Files</b>		
101.INS	**	— XBRL Instance Document
101.SCH	**	— XBRL Taxonomy Extension Schema Document
101.CAL	**	— XBRL Taxonomy Extension Calculation Document
101.DEF	**	— XBRL Taxonomy Extension Definition Document
101.LAB	**	— XBRL Taxonomy Extension Labels Document
101.PRE	**	— XBRL Taxonomy Extension Presentation Document
* Incorporated herein by reference		
** Filed herewith		

**Item 16. FORM 10-K SUMMARY**

Not applicable.

**SIGNATURES**

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, Vistra Energy Corp. has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

**VISTRA ENERGY CORP.**

Date: February 26, 2018

By /s/ CURTIS A. MORGAN

Curtis A. Morgan (President and Chief Executive Officer)

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of Vistra Energy Corp. and in the capacities and on the date indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ CURTIS A. MORGAN</u> (Curtis A. Morgan, President and Chief Executive Officer)	Principal Executive Officer and Director	February 26, 2018
<u>/s/ J. WILLIAM HOLDEN</u> (J. William Holden, Executive Vice President and Chief Financial Officer)	Principal Financial Officer	February 26, 2018
<u>/s/ CHRISTY DOBRY</u> (Christy Dobry, Vice President and Controller)	Principal Accounting Officer	February 26, 2018
<u>/s/ SCOTT B. HELM</u> (Scott B. Helm, Chairman of the Board)	Chairman of the Board and Director	February 26, 2018
<u>/s/ GAVIN R. BAIERA</u> (Gavin R. Baiera)	Director	February 26, 2018
<u>/s/ JENNIFER BOX</u> (Jennifer Box)	Director	February 26, 2018
<u>/s/ BRIAN K. FERRAIOLI</u> (Brian K. Ferraioli)	Director	February 26, 2018
<u>/s/ JEFF D. HUNTER</u> (Jeff D. Hunter)	Director	February 26, 2018
<u>/s/ CYRUS MADON</u> (Cyrus Madon)	Director	February 26, 2018
<u>/s/ GEOFFREY D. STRONG</u> (Geoffrey D. Strong)	Director	February 26, 2018

**PERFORMANCE STOCK UNIT AGREEMENT  
PURSUANT TO THE  
VISTRA ENERGY CORP. 2016 OMNIBUS INCENTIVE PLAN**

\* \* \* \* \*

**Participant:**    [\_\_\_\_\_]

**Grant Date:**    [\_\_\_\_\_]

**Target Number of Performance Stock Units (the “Target PSUs”):**    [\_\_\_\_\_]

**Maximum Number of Shares of Common Stock that may be issued pursuant to this Agreement (the “Maximum Shares”):**  
[\_\_\_\_\_]

\* \* \* \* \*

**THIS PERFORMANCE STOCK UNIT AWARD AGREEMENT** (this “Agreement”), dated as of the Grant Date specified above, is entered into by and between Vistra Energy Corp., a corporation organized in the State of Delaware (the “Company”), and the Participant specified above, pursuant to the Vistra Energy Corp. 2016 Omnibus Incentive Plan, as in effect and as amended from time to time (the “Plan”), which is administered by the Committee; and

**WHEREAS**, it has been determined under the Plan that it would be in the best interests of the Company to grant restricted stock units subject to both time- and performance-vesting conditions (“PSUs”), as provided herein, to the Participant.

**NOW, THEREFORE**, in consideration of the mutual covenants and promises hereinafter set forth and for other good and valuable consideration, the parties hereto hereby mutually covenant and agree as follows:

1.     **Incorporation By Reference; Plan Document Receipt**. This Agreement is subject in all respects to the terms and provisions of the Plan (including, without limitation, any amendments thereto adopted at any time and from time to time unless such amendments are expressly intended not to apply to the Award provided hereunder), all of which terms and provisions are made a part of and incorporated in this Agreement as if they were each expressly set forth herein. Except as provided otherwise herein, any capitalized term not defined in this Agreement shall have the same meaning as is ascribed thereto in the Plan. The Participant hereby acknowledges receipt of a true copy of the Plan and that the Participant has read the Plan carefully and fully understands its content. In the event of any conflict between the terms of this Agreement and the terms of the Plan, the terms of the Plan shall control.

2.     **Grant of Performance Stock Unit Award**. The Company hereby grants to the Participant, as of the Grant Date specified above, the number of Target PSUs specified above, with the actual number of shares of Common Stock to be issued pursuant to this Award contingent upon satisfaction of the vesting conditions described in Section 3 hereof, subject to Section 4, but not to exceed the Maximum Shares. Except as otherwise provided by the Plan, the Participant agrees and understands that nothing contained in this Agreement provides, or is intended to provide, the Participant with any protection against potential future dilution of the Participant’s interest in the Company for any reason, and no adjustments shall be made for

dividends in cash or other property, distributions or other rights in respect of the shares of Common Stock underlying the PSUs, except as otherwise specifically provided for in the Plan or this Agreement.

3. **Vesting.**

(a) The PSUs subject to this Award shall be subject to both a time-based vesting condition (the “Time-Based Condition”) and performance-based vesting conditions (collectively, the “Performance Condition”), as described herein. Except as expressly provided herein, none of the PSUs (or any portion thereof) shall be “vested” for purposes of this Agreement unless and until both the Time-Based Condition and the Performance Condition for such PSUs are satisfied. The number of PSUs that are “vested” for purposes of this Agreement at any time shall equal the product of (x) the number of the PSUs that have satisfied the Time-Based Condition and (y) the percentage level at which the Performance Condition has been satisfied.

(i) The Time-Based Condition for the PSUs shall be satisfied on March 31, 2021, subject to the Participant not incurring a Termination prior to such date. There shall be no proportionate or partial satisfaction of the Time-Based Condition prior to such date, except as specifically provided in this Agreement.

(ii) The percentage level at which the Performance Condition shall be satisfied shall be based upon the level at which the performance goals designated in the scorecard for the applicable Performance Period (the “Scorecard”) are satisfied, which Scorecard shall be prepared by the Committee and communicated to the Participant, in each case, after the Grant Date. For the sake of clarity, by accepting this Award, the Participant acknowledges and agrees that the Committee will establish, at certain times after the Grant Date, performance goals that will serve as the Performance Condition hereunder, and that such performance goals will automatically be incorporated in, and made a part of, this Agreement without the requirement or necessity of consent or acknowledgement of the Participant.

(iii) Except as otherwise set forth in this Agreement, the percentage level of achievement for the Performance Condition shall be 0% unless and until the Committee certifies that the Company’s Adjusted EBITDA (as defined below) exceeds \$1.00 in any of the 2018, 2019 or 2020 fiscal years of the Company (the “Section 162(m) Goal”). For the sake of clarity, except as otherwise set forth in this Agreement, if the Committee does not certify that the Section 162(m) Goal has been achieved in at least one of the applicable fiscal years, the PSUs shall be forfeited as of the end of the Company’s 2020 fiscal year. For purposes of this Agreement, “Adjusted EBITDA” means net income (as determined in accordance with U.S. generally accepted accounting principles), adjusted to exclude the impacts of any: (1) interest expenses, (2) depreciation and amortization expenses, (3) income tax expenses, (4) unrealized gains or losses on derivative instruments, (5) impairment charges of goodwill or long-lived assets, (6) impacts of the Company’s Tax Receivable Agreement, (7) non-cash adjustments to asset retirement obligations, and (8) restructuring expenses.

For the avoidance of doubt, in no event shall a performance goal be deemed satisfied unless actual performance equals or exceeds the threshold level provided in the applicable Scorecard. To the extent that the actual performance is between the threshold and target levels or between the target and maximum levels described in the Scorecard, the vesting shall be determined as set forth in the Scorecard; provided that the Performance Condition shall not be satisfied and there shall be no vesting, if the actual performance is less than the threshold level of

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performance for all performance goals; and provided, further, that the maximum number of PSUs that vests shall not exceed the Maximum Shares.

(b) Change in Control. Upon the occurrence of a Change in Control, (i) the Time-Based Condition shall be deemed satisfied, and (ii) the Performance Condition shall be deemed satisfied at either (A) the target level of performance for all performance goals or (B) the actual level of performance for all performance goals (in each case determined as of immediately preceding the Change in Control), whichever results in the greater number of PSUs vesting.

(c) Forfeiture.

(i) All PSUs for which the Time-Based Condition has not been satisfied prior to a Participant's Termination for any reason (after taking into account the accelerated satisfaction of the Time-Based Condition as provided below) shall be immediately forfeited upon such Termination and the Participant shall have no further rights to such PSUs hereunder. To the extent that any PSUs have satisfied the Time-Based Condition as of the Participant's Termination, such PSUs shall remain outstanding until the end of the Performance Period and shall have the opportunity to vest at such time determined based upon the percentage level at which the Performance Condition is satisfied.

(ii) Notwithstanding anything to the contrary in the prior paragraph, in the event of the Participant's Termination (x) by the Participant for Good Reason (y) by the Company without Cause, or (z) due to the Participant's death or Disability, subject to the Participant's execution and non-revocation of a general release of claims in favor of the Company within sixty (60) days of such Termination and continued compliance with all applicable restrictive covenants, the Time-Based Condition shall be immediately satisfied in a prorated amount (rounded down to the nearest whole number of PSUs) equal to the product of (A) the Target PSUs and (B) the percentage as determined in accordance with the table below.

<u>Date of Termination</u>	<u>Percentage</u>
Between Grant Date and March 31, 2019	33.33%
Between April 1, 2019 and March 31, 2020	66.66%
On or after April 1, 2020	100%

(iii) Any PSUs that do not become fully vested as of the end of the Performance Period shall expire immediately following the date that the Committee determines the level at which the Performance Condition is satisfied.

#### 4. Delivery of Shares.

(a) Settlement. Following the satisfaction of both the Time-Based Condition and the Performance Condition with respect to any part of the PSUs granted hereunder, the Participant shall receive the number of shares of Common Stock that correspond to the number of such PSUs, less any shares withheld by the Company pursuant to Section 8 hereof, which shall be delivered no later than March 15 of the calendar year following the calendar year in which or with respect to which both such vesting conditions were satisfied.

(b) Blackout Periods. If the Company determines that the Participant is subject to any Company "blackout" policy or other trading restriction imposed by the Company on the date such

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distribution would otherwise be made pursuant to Section 4(a) hereof, such distribution shall be instead made on the earlier of (i) the date that the Participant is not subject to any such policy or restriction and (ii) the later of (A) the end of the calendar year in which such distribution would otherwise have been made and (B) a date that is immediately prior to the expiration of two and one-half months following the date such distribution would otherwise have been made hereunder.

5. **Dividends; Rights as Stockholder**. Cash dividends on the number of shares of Common Stock issuable hereunder shall be credited to a dividend book entry account on behalf of the Participant with respect to each PSUs granted to the Participant, provided that such cash dividends shall not be deemed to be reinvested in shares of Common Stock and shall be held uninvested and without interest and paid in cash at the same time that the shares of Common Stock underlying the PSUs are delivered to the Participant in accordance with the provisions hereof. Stock dividends on shares of Common Stock shall be credited to a dividend book entry account on behalf of the Participant with respect to each PSUs granted to the Participant, provided that such stock dividends shall be paid in shares of Common Stock at the same time that the shares of Common Stock underlying the PSUs are delivered to the Participant in accordance with the provisions hereof. Except as otherwise provided herein, the Participant shall have no rights as a stockholder with respect to any shares of Common Stock covered by any PSU unless and until the Participant has become the holder of record of such shares.

6. **Non-Transferability**. No portion of the PSUs may be sold, assigned, transferred, encumbered, hypothecated or pledged by the Participant, other than to the Company as a result of forfeiture of the PSUs as provided herein.

7. **Governing Law**. All questions concerning the construction, validity and interpretation of this Agreement shall be governed by, and construed in accordance with, the laws of the State of Delaware, without regard to the choice of law principles thereof.

8. **Withholding of Tax**. The Participant agrees and acknowledges that the Company shall have the power and the right to deduct or withhold, or require the Participant to remit to the Company, an amount sufficient to satisfy any federal, state, local and foreign taxes of any kind (including, but not limited to, the Participant's FICA and SDI obligations) which the Company, in its sole discretion, deems necessary to be withheld or remitted to comply with the Code and/or any other applicable law, rule or regulation with respect to the PSUs, and if the withholding requirement cannot be satisfied, the Company may otherwise refuse to issue or transfer any shares of Common Stock otherwise required to be issued pursuant to this Agreement. Without limiting the foregoing, the Company shall withhold shares of Common Stock otherwise deliverable to the Participant hereunder in order to pay the Participant's income and employment taxes due upon vesting of the PSUs, but only to the extent permitted by applicable accounting rules so as not to affect accounting treatment.

9. **Legend**. The Company may at any time place legends referencing any applicable federal, state or foreign securities law restrictions on all certificates, if any, representing shares of Common Stock issued pursuant to this Agreement. The Participant shall, at the request of the Company, promptly present to the Company any and all certificates, if any, representing shares of Common Stock acquired pursuant to this Agreement in the possession of the Participant in order to carry out the provisions of this Section 9.

10. **Securities Representations**. This Agreement is being entered into by the Company in reliance upon the following express representations and warranties of the Participant. The Participant hereby acknowledges, represents and warrants that:

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(a) The Participant has been advised that the Participant may be an “affiliate” within the meaning of Rule 144 under the Securities Act and in this connection the Company is relying in part on the Participant’s representations set forth in this Section 10.

(b) If the Participant is deemed an affiliate within the meaning of Rule 144 of the Securities Act, the shares of Common Stock issuable hereunder must be held indefinitely unless an exemption from any applicable resale restrictions is available or the Company files an additional registration statement (or a “re-offer prospectus”) with regard to such shares of Common Stock and the Company is under no obligation to register such shares of Common Stock (or to file a “re-offer prospectus”).

(c) If the Participant is deemed an affiliate within the meaning of Rule 144 of the Securities Act, the Participant understands that (i) the exemption from registration under Rule 144 will not be available unless (A) a public trading market then exists for the Common Stock of the Company, (B) adequate information concerning the Company is then available to the public, and (C) other terms and conditions of Rule 144 or any exemption therefrom are complied with, and (ii) any sale of the shares of Common Stock issuable hereunder may be made only in limited amounts in accordance with the terms and conditions of Rule 144 or any exemption therefrom.

11. **Entire Agreement; Amendment**. This Agreement, together with the Plan, contains the entire agreement between the parties hereto with respect to the subject matter contained herein, and supersedes all prior agreements or prior understandings, whether written or oral, between the parties relating to such subject matter. The Committee shall have the right, in its sole discretion, to modify or amend this Agreement from time to time in accordance with and as provided in the Plan. This Agreement may also be modified or amended by a writing signed by both the Company and the Participant. The Company shall give written notice to the Participant of any such modification or amendment of this Agreement as soon as practicable after the adoption thereof.

12. **Notices**. Any notice hereunder by the Participant shall be given to the Company in writing and such notice shall be deemed duly given only upon receipt thereof by the General Counsel of the Company. Any notice hereunder by the Company shall be given to the Participant in writing and such notice shall be deemed duly given only upon receipt thereof at such address as the Participant may have on file with the Company.

13. **No Right to Employment**. Any questions as to whether and when there has been a Termination and the cause of such Termination shall be determined in the sole discretion of the Committee. Nothing in this Agreement shall interfere with or limit in any way the right of the Company, its Subsidiaries or its Affiliates to terminate the Participant’s employment or service at any time, for any reason and with or without Cause.

14. **Transfer of Personal Data**. The Participant authorizes, agrees and unambiguously consents to the transmission by the Company (or any Subsidiary) of any personal data information related to the PSUs awarded under this Agreement for legitimate business purposes (including, without limitation, the administration of the Plan). This authorization and consent is freely given by the Participant.

15. **Compliance with Laws**. The grant of PSUs and the issuance of shares of Common Stock hereunder shall be subject to, and shall comply with, any applicable requirements of any foreign and U.S. federal and state securities laws, rules and regulations (including, without limitation, the provisions of the Securities Act, the Exchange Act and in each case any respective rules and regulations promulgated thereunder) and any other law, rule regulation or exchange requirement applicable thereto. The Company

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shall not be obligated to issue the PSUs or any shares of Common Stock pursuant to this Agreement if any such issuance would violate any such requirements. As a condition to the settlement of the PSUs, the Company may require the Participant to satisfy any qualifications that may be necessary or appropriate to evidence compliance with any applicable law or regulation.

16. **Section 409A**. Notwithstanding anything herein or in the Plan to the contrary, the PSUs are intended to be exempt from the applicable requirements of Section 409A of the Code and shall be limited, construed and interpreted in accordance with such intent as is reasonable under the circumstances.

17. **Binding Agreement; Assignment**. This Agreement shall inure to the benefit of, be binding upon, and be enforceable by the Company and its successors and assigns. The Participant shall not assign (except in accordance with Section 6 hereof) any part of this Agreement without the prior express written consent of the Company.

18. **Headings**. The titles and headings of the various sections of this Agreement have been inserted for convenience of reference only and shall not be deemed to be a part of this Agreement.

19. **Counterparts**. This Agreement may be executed in one or more counterparts and by facsimile or other electronic submission, each of which shall be deemed to be an original, but all of which shall constitute one and the same instrument.

20. **Further Assurances**. Each party hereto shall do and perform (or shall cause to be done and performed) all such further acts and shall execute and deliver all such other agreements, certificates, instruments and documents as either party hereto reasonably may request in order to carry out the intent and accomplish the purposes of this Agreement and the Plan and the consummation of the transactions contemplated thereunder.

21. **Severability**. The invalidity or unenforceability of any provisions of this Agreement in any jurisdiction shall not affect the validity, legality or enforceability of the remainder of this Agreement in such jurisdiction or the validity, legality or enforceability of any provision of this Agreement in any other jurisdiction, it being intended that all rights and obligations of the parties hereunder shall be enforceable to the fullest extent permitted by law.

22. **Acquired Rights**. The Participant acknowledges and agrees that: (a) the Company may terminate or amend the Plan at any time; (b) the award of PSUs made under this Agreement is completely independent of any other award or grant and is made at the sole discretion of the Company; (c) no past grants or awards (including, without limitation, the PSUs awarded hereunder) give the Participant any right to any grants or awards in the future whatsoever; and (d) any benefits granted under this Agreement are not part of the Participant's ordinary salary, and shall not be considered as part of such salary in the event of severance, redundancy or resignation.

\* \* \* \* \*

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IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date first written above.

**VISTRA ENERGY CORP.**

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**PARTICIPANT**

Name: \_\_\_\_\_

**VISTRA ENERGY CORP.**  
**COMPUTATION OF RATIO OF EARNINGS TO FIXED CHARGES**

	Successor		Predecessor			
	Year Ended December 31, 2017	Period from October 3, 2016 through December 31, 2016	Period from January 1, 2016 through October 2, 2016 (b)	Year Ended December 31,		
				2015	2014	2013
<i>(in millions, except ratios)</i>						
<b>EARNINGS:</b>						
Net income (loss)	\$ (254)	\$ (163)	\$ 22,851	\$ (4,677)	\$ (6,229)	\$ (2,304)
Add: Total federal income tax expense (benefit)	504	(70)	(1,267)	(879)	(2,320)	(732)
Fixed charges (see detail below)	223	70	1,071	1,318	1,784	1,960
Preferred dividends of subsidiaries	(7)	(2)	—	—	—	—
Total earnings (loss)	\$ 466	\$ (165)	\$ 22,655	\$ (4,238)	\$ (6,765)	\$ (1,076)
<b>FIXED CHARGES (a):</b>						
Interest expense	\$ 200	\$ 63	\$ 1,058	\$ 1,300	\$ 1,766	\$ 1,941
Rentals representative of the interest factor	23	7	13	18	18	19
Total fixed charges	\$ 223	\$ 70	\$ 1,071	\$ 1,318	\$ 1,784	\$ 1,960
<b>RATIO OF EARNINGS TO FIXED CHARGES (a)</b>	<b>2.09</b>	<b>—</b>	<b>21.15</b>	<b>—</b>	<b>—</b>	<b>—</b>

(a) Excludes accretion expense related to the Tax Receivables Agreement.

(b) Fixed charges exceeded earnings by \$235 million, \$5.556 billion, \$8.549 billion and \$3.036 billion for the Successor period from October 3, 2016 through December 31, 2016 and the Predecessor for the years ended December 31, 2015, 2014 and 2013, respectively.

(b) For the Predecessor period from January 1, 2016 through October 2, 2016, the ratio of earnings to fixed charges is not comparable to the other years presented due to net gains related to bankruptcy-related reorganization items including significant gains on extinguishing claims pursuant to the Plan of Reorganization. Excluding the effects of these net gains, fixed charges exceeded earnings by \$653 million.

**VISTRA ENERGY CORP.**  
**SUBSIDIARY HIERARCHY**  
**Effective February 1, 2018**

	<b>Jurisdiction</b>
Vistra Energy Corp.	DE
Vistra Intermediate Company LLC	DE
Vistra Operations Company LLC	DE
Vistra Corporate Services Company	TX
Vistra Finance Corp.	DE
Vistra EP Properties Company	TX
Luminant Energy Company LLC	TX
Luminant ET Services Company LLC	TX
Luminant Energy Trading California Company	TX
Vistra Asset Company LLC	DE
Generation SVC Company	TX
Sandow Power Company LLC	TX
Luminant Generation Company LLC	TX
Oak Grove Management Company LLC	DE
Big Brown Power Company LLC	TX
La Frontera Holdings, LLC	DE
Forney Pipeline, LLC	DE
Luminant Mining Company LLC	TX
TXU Retail Services Company	DE
NCA Resources Development Company LLC	TX
Upton County Solar 2, LLC	DE
Vistra Preferred Inc. (a)	DE
Value Based Brands LLC	TX
TXU Energy Retail Company LLC	TX
Brighten Energy LLC	DE
Comanche Peak Power Company LLC	DE

(a) 100% common stock held by Vistra Asset Company LLC. Preferred stock held by outside investors.

**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We consent to the incorporation by reference in Registration Statement No. 333-219687 on Form S-8 of our report dated February 26, 2018, relating to the financial statements and financial statement schedule of Vistra Energy Corp. and its Predecessor Company (which report expresses an unqualified opinion and includes an explanatory paragraph regarding emergence from bankruptcy and the non-comparability of Vistra Energy Corp. to the Predecessor Company) appearing in this Annual Report on Form 10-K of Vistra Energy Corp. for the year ended December 31, 2017.

/s/ Deloitte & Touche LLP

Dallas, Texas  
February 26, 2018

**CERTIFICATION OF PRESIDENT AND CHIEF EXECUTIVE OFFICER  
PURSUANT TO  
EXCHANGE ACT RULES 13a-14(a) AND 15d-14(a),  
AS ADOPTED PURSUANT TO  
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, Curtis A. Morgan, certify that:

1. I have reviewed this Annual Report on Form 10-K of Vistra Energy Corp.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the registrant and have:
  - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - c) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 26, 2018

/s/ Curtis A. Morgan

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Curtis A. Morgan  
President and Chief Executive Officer  
(Principal Executive Officer)



**CERTIFICATION OF CHIEF FINANCIAL OFFICER  
PURSUANT TO  
EXCHANGE ACT RULES 13a-14(a) AND 15d-14(a),  
AS ADOPTED PURSUANT TO  
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, J. William Holden, certify that:

1. I have reviewed this Annual Report on Form 10-K of Vistra Energy Corp.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the registrant and have:
  - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - c) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: February 26, 2018

/s/ J. William Holden

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J. William Holden

Executive Vice President and Chief Financial Officer  
(Principal Financial Officer)

**CERTIFICATION OF PRESIDENT AND CHIEF EXECUTIVE OFFICER  
PURSUANT TO 18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Annual Report of Vistra Energy Corp. (the “Company”) on Form 10-K for the period ended December 31, 2017 as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Curtis A. Morgan, President and Chief Executive Officer of the Company, hereby certify as of the date hereof, solely for the purposes of Title 18, Chapter 63, Section 1350 of the United States Code, that to the best of my knowledge:

- (1) the Report fully complies with the requirements of Section 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934, and
- (2) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company at the dates and for the periods indicated.

Date: February 26, 2018

/s/ Curtis A. Morgan

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Curtis A. Morgan

President and Chief Executive Officer

(Principal Executive Officer)

*The foregoing certification is not deemed filed with the Securities and Exchange Commission for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (Exchange Act), and is not to be incorporated by reference into any filing of Vistra Energy Corp. under Securities Act of 1933, as amended, or the Exchange Act, whether made before or after the date hereof, regardless of any general incorporation language of such filing.*

**CERTIFICATION OF CHIEF FINANCIAL OFFICER  
PURSUANT TO 18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Annual Report of Vistra Energy Corp. (the “Company”) on Form 10-K for the period ended December 31, 2017 as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, J. William Holden, Executive Vice President and Chief Financial Officer of the Company, hereby certify as of the date hereof, solely for the purposes of Title 18, Chapter 63, Section 1350 of the United States Code, that to the best of my knowledge:

- (1) the Report fully complies with the requirements of Section 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934, and
- (2) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company at the dates and for the periods indicated.

Date: February 26, 2018

/s/ J. William Holden

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J. William Holden

Executive Vice President and Chief Financial Officer  
(Principal Financial Officer)

*The foregoing certification is not deemed filed with the Securities and Exchange Commission for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (Exchange Act), and is not to be incorporated by reference into any filing of Vistra Energy Corp. under Securities Act of 1933, as amended, or the Exchange Act, whether made before or after the date hereof, regardless of any general incorporation language of such filing.*

**Mine Safety Disclosures**

Safety is a top priority in all our businesses, and accordingly, it is a key component of our focus on operational excellence, our employee performance reviews and employee compensation. Our health and safety program objectives are to prevent workplace accidents and ensure that all employees return home safely and comply with all regulations.

Vistra Energy currently owns and operates 12 surface lignite coal mines in Texas to provide fuel for its electricity generation facilities. These mining operations are regulated by the U.S. Mine Safety and Health Administration (MSHA) under the Federal Mine Safety and Health Act of 1977, as amended (the Mine Act), as well as other regulatory agencies such as the RCT. The MSHA inspects U.S. mines, including Vistra Energy's, on a regular basis and if it believes a violation of the Mine Act or any health or safety standard or other regulation has occurred, it may issue a citation or order, generally accompanied by a proposed fine or assessment. Such citations and orders can be contested and appealed to the Federal Mine Safety and Health Review Commission (FMSHRC), which often results in a reduction of the severity and amount of fines and assessments and sometimes results in dismissal. The number of citations, orders and proposed assessments vary depending on the size of the mine as well as other factors.

Disclosures related to specific mines pursuant to Section 1503 of the Dodd-Frank Wall Street Reform and Consumer Protection Act and Item 104 of Regulation S-K sourced from data documented at January 3, 2018 in the MSHA Data Retrieval System for the year ended December 31, 2017 (except pending legal actions, which are at December 31, 2017), are as follows:

Mine (a)	Section 104 S and S Citations (b)	Section 104(b) Orders	Section 104(d) Citations and Orders	Section 110(b) (2) Violations	Section 107(a) Orders	Total Dollar Value of MSHA Assessments Proposed (c)	Total Number of Mining Related Fatalities	Received Notice of Pattern of Violations Under Section 104(e)	Received Notice of Potential to Have Pattern Under Section 104(e)	Legal Actions Pending at Last Day of Period (d)	Legal Actions Initiated During Period	Legal Actions Resolved During Period
Big Brown	—	—	—	—	—	9	—	—	—	—	—	—
Kosse	—	—	—	—	—	7	—	—	—	—	—	1
Liberty	—	—	—	—	—	8	—	—	—	1	1	—
Three Oaks	—	—	—	—	—	4	—	—	—	1	2	1

(a) Excludes mines for which there were no applicable events.

(b) Includes MSHA citations for health or safety standards that could significantly and substantially contribute to a serious injury if left unabated.

(c) Total value in thousands of dollars for proposed assessments received from MSHA for all citations and orders issued in the year ended December 31, 2017, including but not limited to Sections 104, 107 and 110 citations and orders that are not required to be reported.

(d) Pending actions before the FMSHRC involving a coal or other mine. All pending legal actions are contests of proposed penalties.