



DTE Energy®

DTE Electric Company

May 14, 2019

Ms. Kavita Kale
Executive Secretary
Michigan Public Service Commission
7109 W Saginaw Hwy
Lansing, MI 48917

Re: MPSC Case No. U-12134 – Code of Conduct, Section VI, Paragraph C
Organizational Chart of Parent Company

Dear Ms. Kunkle:

Enclosed for filing is DTE Electric Company's Code of Conduct Compliance Report on the organizational chart of the parent or holding company, as required by the October 29, 2001 order issued by the Michigan Public Service Commission in Case No. U-12134.

This document is submitted to comply with Section VI – Compliance Plans, Paragraph C of the October 29, 2001 Order issued by the Michigan Public Service Commission in Case No. U-12134 approving a Code of Conduct for the DTE Electric Company.

Very truly yours,

A handwritten signature in cursive script that reads "Kenneth L. Slater".

Kenneth Slater
Manager
Regulatory Adjudication and Compliance

Enclosure

Name of Respondent DTE Electric Company	This Report Is: (1) ☒ An Original (2) ☐ A Resubmission	Date of Report (Mo, Da, Yr)	Year of Report 2018/Q4
CONTROL OVER RESPONDENT & OTHER ASSOCIATED COMPANIES			
1. If any corporation, business trust, or similar organization or combination of such organization jointly held control over respondent at the end of year, state name of controlling corporation or organization, manner in which control was held, and extent of control. If control was in a holding company organization, show the chain of ownership or control to the main parent company or organization. If control was held by a trustee(s), state name of trustee(s), name of beneficiary or beneficiaries for whom trust was maintained, and purpose of the trust. 2. List any entities which respondent did not control either directly or indirectly and which did not control respondent, but which were associated companies at any time during the year. 3. Provide an Organization Chart for the entire business network to include all corporations, business trusts, or similar organization or combination of such organizations whether the entities held control or not. Include any associated companies with the respondent at any time during the year. In addition to this visual representation, provide an explanation or narrative you believe to be useful to accurately describe the Organizational Chart.			
On January 1, 1996, DTE Energy Company became the parent company of the respondent. The attached pages 102a - 102v detail DTE Energy Company holdings including chain of ownership and control.			

I. NATURE OF BUSINESS OF CLAIMANTS AND EVERY SUBSIDIARY THEREOF

Claimant: DTE Energy Company

DTE Energy Company (Company or DTE) is a Michigan corporation. DTE owns, directly and indirectly, three utilities; DTE Electric Company (DTE Electric), DTE Gas Company (DTE Gas), and Citizens Gas Fuel Company (Citizens), and non-regulated subsidiaries engaged in energy marketing and trading, energy services, and various other electricity, coal and gas related businesses. The Company's address is One Energy Plaza, Detroit, Michigan 48226-1279.

Claimant: DTE Enterprises, Inc.

DTE Enterprises, Inc. (DTEE) owns, directly and indirectly, two utilities, DTE Gas and Citizens, and non-regulated subsidiaries primarily involved in natural gas production, gathering, processing, transmission, storage, distribution and marketing in the Midwest-to-Northeast corridor. DTEE is organized under the laws of the state of Michigan and has its principal executive offices at One Energy Plaza, Detroit, Michigan 48226-1279.

Claimant: DTE Gas Holdings, Inc.

DTE Gas Holdings, Inc., (Gas Holdings) is the holding company for DTE Gas Company and DTE Gas Services Company (Gas Services). Gas Holdings is organized under the laws of the state of Michigan and has its principal executive offices located at One Energy Plaza, Detroit, Michigan 48226-1279.

1. DTE Energy Company

- A. DTE Energy Corporate Services, LLC (Corporate Services) is a Michigan limited liability company. Corporate Services is a wholly owned subsidiary of DTE Energy Company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Corporate Services provides functional support to the DTE Energy enterprise.
- B. DTE Energy Resources, LLC (DTE ER) is a Delaware limited liability company. DTE ER is a wholly owned subsidiary of the Company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE ER is engaged in energy services, electric generation, electric and gas marketing and trading and landfill gas projects. DTE ER is also conducting business under the assumed name of DTE Power and Industrial Group.
 - 1) DTE Biomass Energy, Inc., (DTE Biomass) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Biomass is a wholly owned subsidiary of DTE ER and is engaged in landfill and renewable natural gas projects
 - a) Adrian Energy Associates, LLC (Adrian Energy) is a Michigan limited liability company with offices at 29261 Wall Street, Wixom, Michigan 48393. Adrian Energy is a 50% owned subsidiary of DTE Biomass and is engaged in the production of electricity from landfill gas.
 - b) Bellefontaine Gas Producers, L.L.C. (Bellefontaine Gas) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Bellefontaine Gas is a 50% owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
 - c) Blue Water Renewables, Inc. (Blue Water) is a Michigan corporation with offices located at 414 S. Main, Ann Arbor, Michigan 48104 is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
 - d) Davidson Gas Producers, LLC (Davidson) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Davidson is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.

- e) Denton Power, LLC (Denton) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Denton is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
- f) DTE Methane Resources, L.L.C. (DTE Methane) is a Michigan limited liability company with offices at 425 S. Main St., Ann Arbor, Michigan 48104. DTE Methane is a wholly owned subsidiary, 50% by DTE Biomass and 50% by DTE Coal Services, and is an inactive company.
- g) DTE RENEWABLE HOLDINGS, LLC (DTERH) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. DTERH is wholly owned subsidiary of DTE Biomass Energy, Inc. and is a holding company for renewable natural gas projects.

NEW FORMATION 03/02/2019

- 1. CALUMET RENEWABLE ENERGY, LLC (CALUMET) is a Delaware limited liability company with offices at 414 S. Main St. Ann Arbor, Michigan 48104. CALUMET is 90% owned subsidiary by DTERH and is engaged in renewable natural gas project. **NAME CHANGE TO CALUMET RENEWABLE ENERGY, LLC (1/24/2018) AND PARENT CHANGE FROM DTE BIOMASS ENERGY, INC. TO DTE RENEWABLE HOLDINGS, LLC (08/20/2018)**
- 2. DANE RENEWABLE ENERGY, LLC (Dane) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Dane is owned 90% by DTERH and holds ownership of a renewable natural gas project.
NEW FORMATION 08/13/2018
- 3. NEW CHESTER RENEWABLE ENERGY, LLC (Chester) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Chester is a wholly owned subsidiary of DTERH and maintains and operates renewable natural gas project in Wisconsin.
NEW FORMATION 11/19/2018
- 4. Rosendale Renewable Energy, LLC (Rosendale) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Rosendale is a wholly owned subsidiary of DTERHC and owns and operates a renewable natural gas facility.
NEW FORMATION 09/07/2018
- h) Enerdyne LTD, LLC, is a North Carolina limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Enerdyne LTD is a wholly owned subsidiary of DTE Biomass and owns 100% of Eagle Hill Renewable Energy, LLC.
 - 1. Eagle Hill Renewable Energy, LLC (Eagle Hill) is a Virginia limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Eagle Hill is wholly owned by Enerdyne LTD, LLC and is an inactive company.
- i) Enerdyne TEN, LLC is a Virginia limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Enerdyne TEN, LLC is 75.5% owned by DTE Biomass and owns King George Gas Producers, LLC.
 - 1. King George Gas Producers, LLC (King George) is a Virginia limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. King George is wholly owned by Enerdyne TEN, LLC and is an inactive company.
- j) Fayetteville Gas Producers, L.L.C. (Fayetteville) is a North Carolina limited liability company with offices located at 414 S. Main, Ann Arbor, Michigan, 48104. Fayetteville is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.

- k) Fort Bend Power Producer, LLC (Fort Bend) is a **Delaware** limited liability company with offices located at 425 S. Main, Ann Arbor, Michigan 48104. Fort Bend is wholly owned by DTE Biomass and operates a renewable natural gas processing facility.
- l) Iredell Transmission, LLC (Iredell Trans) is a North Carolina limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Iredell is wholly owned by DTE Biomass and is engaged in landfill gas projects.
- m) Kiefer Landfill Generating II, LLC (Kiefer) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Kiefer is a 10% owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
- n) Oklahoma Gas Producers, L.L.C. (Oklahoma) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Oklahoma is a wholly owned subsidiary of DTE Biomass and is an inactive company.
- o) Phoenix Gas Producers, L.L.C. (Phoenix) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Phoenix is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
- p) Pinnacle Gas Producers, L.L.C. (Pinnacle) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Pinnacle is a wholly owned subsidiary of DTE Biomass and is engaged in a landfill gas-to-energy project.
- q) Potrero Hills Energy Producers, LLC (Potrero) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Potrero is a 50% owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
- r) Raleigh Steam Producers, LLC (Raleigh) is a North Carolina limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Raleigh is a wholly owned subsidiary of DTE Biomass and is an inactive company.
- s) RES Power, Inc. (RESP) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. RESP is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects. It owns 50% of Riverview Energy Systems.
 - 1. Riverview Energy Systems (Riverview) is a Michigan partnership with offices at 29261 Wall Street, Wixom, Michigan 48393. Riverview is a 50% owned subsidiary of RESP and is engaged in the production of electricity from landfill gas.
- t) Riverview Gas Producers, Inc. (RPG) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. RPG is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
- u) Salem Energy Systems, LLC (Salem) is a North Carolina limited liability company with offices at 29261 Wall Street, Wixom, Michigan 48393. Salem is 50% owned by DTE Biomass and is engaged in the production of electricity from landfill gas.
- v) Salt Lake Energy Systems, L.L.C. (Salt Lake) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Salt Lake is a 50% owned subsidiary of DTE Biomass and is engaged in a landfill gas-to-energy project.
- w) Seabreeze Energy Producers, LLC (SEP) is a Texas limited liability company with offices at 425 S. Main, Ann Arbor, Michigan 48104. SEP is wholly owned subsidiary of DTE Biomass and is engaged in a landfill gas to energy project.

- x) Sunshine Gas Producers, LLC (Sunshine) is a Michigan limited liability company with offices at 425 S. Main, Ann Arbor, Michigan 48104. Sunshine Gas is a 50% owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
 - y) Uwharrie Mountain Renewable Energy, LLC (Uwharrie) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48014. Uwharrie is a wholly owned subsidiary of DTE Biomass and is a landfill gas facility.
 - z) Wake Gas Producers, L.L.C. (Wake) is a North Carolina limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Wake is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
 - aa) Westside Gas Producers, L.L.C. (Westside) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Westside is a wholly owned subsidiary of DTE Biomass and is engaged in landfill gas projects.
- 2) DTE Coal Services, Inc., (DTE Coal) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Coal is a wholly owned subsidiary of DTE ER and is an inactive company.
- a) DTE Chicago Fuels Terminal, LLC (Chicago Fuels) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. This company is a wholly owned subsidiary of DTE Coal and is inactive.
 - b) DTE Peptec, Inc., (DTE Peptec) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Peptec is a wholly owned subsidiary of DTE Coal and is an inactive company.
 - 1. Peptec, Inc. (Peptec) is a Pennsylvania corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. Peptec is a wholly owned subsidiary of DTE Peptec and is an inactive company.
 - c) Omni Coal Group, LLC (Omni) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Omni is wholly owned by DTE Coal and is an inactive company.
- 3) DTE Energy Services, Inc. (DTE ES) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE ES is a wholly owned subsidiary of DTE ER and is engaged in energy services activities.
- a) Delta Township Utilities II, LLC (Utilities II) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Utilities II is owned 56% by DTE ES. It provides utility services to an automobile manufacturing facility in Lansing, Michigan.
 - b) DTE Backup Generation Equipment Leasing, L.L.C. (Backup Generation Equipment Leasing) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Backup Generation Equipment Leasing is a wholly owned subsidiary of DTE ES, and is engaged in the equipment leasing business.
 - c) DTE Boca Raton, LLC (Boca) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Boca is a wholly owned subsidiary of DTE ES and is an inactive company. **DISSOLVED 11/29/2018**
 - d) DTE Coke Holdings, LLC (Coke Holdings) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Coke Holdings is a wholly owned subsidiary of DTE ES and is a holding company.

1. DTE Coke Operations, LLC (DTE Coke) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Coke is a wholly owned subsidiary of DTE Coke Holdings, LLC and is involved in the operation and maintenance of coke battery facilities.
 2. **DTE Gary LLC (Gary)** is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Gary is a wholly owned subsidiary of DTE Coke Holdings, LLC and is an inactive company. **NEW FORMATION 03/13/2018/NAME CHANGE from DTE Data Center, LLC to DTE Gary, LLC (07/18/2018)/PARENT CHANGE FROM DTE ON-SITE ENERGY, LLC TO DTE COKE HOLDINGS, LLC (07/18/2018)**
 3. DTE PCI Enterprises Company, LLC (DTE PCI) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE PCI is a wholly owned subsidiary of DTE Coke Holdings, LLC and operates a pulverized coal facility.
 4. EES Coke Battery, L.L.C. (EES) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. EES is wholly owned by DTE Coke Holdings, LLC and is engaged in coke supply and coke battery operations.
 5. Shenango LLC (Shenango) is a Pennsylvania corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. Shenango is a wholly owned subsidiary of Coke Holdings and operates a coke battery facility.
- e) DTE East China, LLC (East China) is a Michigan limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. East China is a wholly owned subsidiary of DTE ES and is an inactive company. **DISSOLVED 09/20/2018**
 - f) DTE Energy Center Operations, LLC (DTE Energy Cent Oper) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Energy Cent Oper is a wholly owned subsidiary of DTE ES and is involved in the operation of Energy Center.
 - g) DTE ES Holdings No. 1, LLC (ES Holdings) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. ES Holdings is a wholly owned subsidiary of DTE ES and is a holding company.
 - h) DTE ES Operations, LLC (ES Oper) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. ES Oper is a wholly owned subsidiary of DTE ES and is engaged in the operation and maintenance of electric generation facilities.
 - i) DTE Mobile Operations, LLC (DTE Mobile) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Mobile is a wholly owned subsidiary of DTE ES and is involved in the operation of Mobile Energy.
 - j) DTE On-Site Energy, LLC (On-Site) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. DTE On-Site is a wholly owned subsidiary of DTE ES and is involved in on-site energy projects.

1. Delta Township Utilities, LLC (Delta Township) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Delta Township is wholly owned by On-Site. It operates and maintains a facility that provides a primary switch house and associated equipment, electrical distribution and unit substations, etc. for a metal stamping facility in Lansing, Michigan.
2. DTE Ashtabula, LLC (Ashtabula) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Ashtabula is wholly owned by On-Site. It operates five Co-Generation units that provide steam, electricity, boiler feed water and compressed air to a facility in Ashtabula Ohio.
3. DTE Calvert City, LLC (DTE Calvert) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Calvert is a wholly owned subsidiary of On-Site and provides energy related services.
4. DTE Dearborn, LLC (Dearborn) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Dearborn is a wholly owned subsidiary of On-Site and is engaged in the operation of a compressed air facility.
5. DTE Dearborn CEP, LLC, (CEP) is a Delaware limited liability company with offices at 414 South Main Street, Ann Arbor, Michigan 48104. CEP is a wholly owned subsidiary of On-Site and is involved in construction, operation and ownership of an energy infrastructure at the Ford Research and Engineering Campus in Dearborn, Michigan.
6. DTE Defiance, LLC, (Defiance) is an Ohio limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Defiance is a wholly owned subsidiary of On-Site and is engaged in the operation of a compressed air facility.
7. DTE Heritage, LLC (DTE Heritage) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Heritage is a wholly owned subsidiary of On-Site and is engaged in the ownership and operation of an internal electric distribution system of electricity.
8. DTE Indiana Harbor Holdings, LLC (DTE Indiana Harbor) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Indiana Harbor is a wholly owned subsidiary of On-Site. DTE Indiana Harbor owns 14.8% of Indiana Harbor Coke Company L.P.
 - a. Indiana Harbor Coke Company L.P., (Indiana Harbor Coke Company) is a Delaware limited partnership with offices at 414 S. Main, Ann Arbor, Michigan 48104. Indiana Harbor Coke Company is 14.8% owned by DTE Indiana Harbor and operates a coke battery facility.
9. DTE Lansing, LLC (Lansing) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. It is wholly owned by On-Site and it operates and maintains a Central Utilities Complex (CUC) providing utility services to 3 buildings at the Grand River Assembly Facility. Lansing owns 80% of Utility Services of Lansing, LLC.
 - a. Utility Services of Lansing, LLC (Utility Services) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Utility Services is owned 80% by Lansing and provides utility services to a facility in Lansing, Michigan.

10. DTE Lordstown, LLC (Lordstown) is an Ohio limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Lordstown is a wholly owned subsidiary of On-Site and is engaged in the operation of a compressed air facility.
11. DTE Marietta, LLC (Marietta) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. It is a wholly owned subsidiary of On-Site and holds project contracts to provide energy related services.
12. DTE Northwind, LLC, (Northwind) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Northwind is a wholly owned subsidiary of On-Site and operates a chilled water plant.
13. DTE Philadelphia, LLC (Philadelphia) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Philadelphia is a wholly owned subsidiary of On-Site. It operates and maintains the electric distribution, heat and non-potable water systems for the Philadelphia Authority for Industrial Development.
14. DTE Pittsburgh, LLC (Pittsburgh) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Pittsburgh is a wholly owned subsidiary of On-Site and provides energy related services.
15. DTE Pontiac North, LLC (Pontiac) is a Michigan limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Pontiac is a wholly owned subsidiary of On-Site and is an inactive company.
16. DTE SAN DIEGO COGEN, INC. (San Diego Cogen) is a Delaware corporation with offices at 414 S. Main, Ann Arbor, Michigan, 48104. San Diego Cogen is a wholly owned subsidiary of On-Site and operates and maintains a cogeneration facility in San Diego California.
17. DTE Sparrows Point, L.L.C., (Sparrows Point) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Sparrows Point is a wholly owned subsidiary of On-Site and is an inactive company.
18. DTE St. Bernard, LLC (St. Bernard) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. St. Bernard is a wholly owned subsidiary of On-Site. It provides steam, electricity, high density liquid processing, water, sewer, fuel and coal services to a facility in Cincinnati.
19. DTE St. Paul, LLC (St. Paul) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. St. Paul is a wholly owned subsidiary of On-Site. It is part of a joint venture providing electricity from wood waste to biomass to Northern States Power Company. It owns 50% of St. Paul Cogeneration, LLC and 50% of Environmental Wood Supply, LLC.)
 - a. St. Paul Cogeneration, LLC (St. Paul Cogen) is a Minnesota limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. It is 50% owned by St. Paul. It provides electricity and heat through a wood-fired combined heat and power plant to a state government complex.
 - b. Environmental Wood Supply, LLC (Environmental Wood) is a Minnesota limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. It is 50% owned by St. Paul. It provides electricity and heat through a wood-fired combined heat and power plant to Northern States Power Company.

20. DTE Tonawanda, LLC (Tonawanda) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Tonawanda is a wholly owned subsidiary of On-Site and is engaged in wastewater treatment and supply of chilled water.
21. DTE Utility Service Holdings, LLC (Utility Serv) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Utility Serv is a wholly owned subsidiary of On-Site and is a holding company. Utility Services owns 50% of DTE Energy Center, LLC.
 - a. DTE Energy Center, LLC (Energy Center) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Energy Center is 50% owned by Utility Serv and is involved in providing utility and energy conservation services.
22. Energy Equipment Leasing, LLC (Energy Equipment) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Energy Equipment Leasing is a wholly owned subsidiary of On-Site and leases boiler and turning equipment to a facility near Baltimore, Maryland and cogeneration equipment to a facility in Ashtabula, Ohio.
23. Metro Energy, LLC (Metro) is a Michigan limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Metro Energy, LLC is a wholly owned subsidiary of On-Site and provides energy related service.
- k) DTE PetCoke, LLC (Pet Coke) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Pet Coke is wholly owned subsidiary of DTE ES, and is engaged in the supply of petroleum coke.
- l) DTE Pulp & Paper Holdings, LLC (DTE Pulp) is a limited liability Delaware company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. DTE Pulp is a wholly owned subsidiary of DTE ES and is a holding company. DTE Pulp owns 50% of MESC Capital, LLC
 1. MESC Capital, LLC (MESC Cap) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. MESC Cap is 50% owned by DTE Pulp and is involved in financing and investing activities. MESC Cap owns Mobile Energy Services Company, LLC.
 - a. Mobile Energy Services Company, LLC (Mobile Energy) is an Alabama limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Mobile Energy is a wholly owned subsidiary of MESC Cap and owns and operates the energy and recovery complex and related facilities located at the pulp and tissue mill in Mobile, Alabama.
- m) DTE REF Holdings, LLC (DTE REF) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is a wholly owned subsidiary of DTE ES and is a holding company.
 1. Belle River Fuels Holdings, LLC (Belle River Fuels) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Belle River Fuels is owned 1% by DTE REF and 99% by DTE ES. Belle River Fuels owns 100% of Belle River Fuels Company, LLC.
 - a. Belle River Fuels Company, LLC (Belle River) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Belle River is a wholly owned subsidiary of Belle River Fuels and it owns and operates a facility to produce refined coal.

2. DTE REF Holdings II, LLC (REF Holdings II) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is wholly owned by DTE REF and is a holding company.
- a. Arbor Fuels Company, LLC (Arbor) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Arbor is wholly owned by REF Holdings II, LLC and operates a refined emissions fuel facility.
 - b. Canton Fuels Company, LLC (Canton) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. **Canton is wholly owned by REF Holdings II** and it operates a refined emissions fuel facility.
 - c. ERIE FUELS COMPANY, LLC is a Delaware Limited Liability Company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. ERIE FUELS COMPANY, LLC is owned 1% by REF Holdings II, LLC and is the lessee of a reduced emissions fuel facility
NEW FORMATION 06/18/2018
 - d. Huron Fuels Company LLC is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is owned 45% by DTE REF Holdings II, LLC and leases a refined emissions fuel facility from Belle River.
 - e. NEWTON RC, LLC (Newton) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is owned 1% by REF Holdings II, LLC and operates a refined emissions fuel facility at Newton Power Station located in Newton Illinois.
 - f. Ontario Fuels Company is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is wholly owned by REF Holdings II, LLC and owns a refined coal facility and produces refined coal for sale. **NEW FORMATION 08/03/2018**
 - g. Pleasant Prairie RC, LLC (PPRC) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is owned 1% by REF Holdings II, LLC and leases and operates a refined emissions fuel facility at Kenosha.
(DISSOLVED 11/28/2018)
 - h. Portage Fuel Company, LLC is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is wholly owned by DTE REF Holdings II, LLC and leases and operates a reduced emissions fuel facility at the Columbia Power Plant owned by Alliant Energy.
 - i. Shawnee SL, LLC is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is a wholly owned by REF Holdings II, LLC and is a holds sublicense to certain reduced emissions fuel technology.

- j. SUPERIOR FUELS COMPANY 1, LLC is a Delaware limited liability company and with offices at 414 South Main St. Ann Arbor, Michigan 48104 it is owned 55% by REF Holdings II, LLC and is involved in the production of a lease agreement with an REF facility (Arbor Fuels Company) to produce reduced emissions fuels. **NEW FORMATION 05/09/2019/ NAME CHANGE FROM SUPERIOR FUELS COMPANY, LLC TO SUPERIOR FUELS COMPANY 1, LLC 05/17/2018**
- 3. DTE REF Management Company, LLC, is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is wholly owned by DTE REF and is a holding company for the management of a refined coal facility.
- 4. Jasper Fuels Company, LLC, (Jasper), is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Jasper is a wholly owned subsidiary of DTE REF. Jasper owns and operates a facility to produce refined coal.
- 5. Kenosha Fuels Company, LLC (Kenosha) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Kenosha is a wholly owned subsidiary of DTE REF. Kenosha owns and operates a facility to produce refined coal.
- 6. Mansfield Technology, LLC (Mansfield) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Mansfield Technology is owned 32% by DTE REF Holdings, LLC and licenses certain coal modification technology.
- 7. Monroe Fuels Company, LLC (Monroe) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Monroe is 1% owned by DTE REF. It owns and operates a facility to produce refined coal.
- 8. REF HOLDINGS III, LLC is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. REF Holdings III, LLC is 1% owned by DTE REF, it is a holding company. **NEW FORMATION 09/11/2018**
 - a. Chouteau Fuels Company, LLC (Chouteau) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Chouteau is wholly owned by REF Holdings III, LLC and it operates a refined emissions fuel facility. **Parent Change 11/01/2018 REF Holdings III purchased membership interests from DTE REF Holdings II, LLC**
 - b. EROC Fuels, Company, LLC (EROC) and is a Delaware limited liability Company with offices at 414 S. Main, Ann Arbor, Michigan 48104. It is wholly owned by REF Holdings III, LLC and operates of refined emissions fuel facility at a facility in Wisconsin. **Parent Change 11/01/2018 REF Holdings III purchased membership interests from DTE REF Holdings II, LLC**
 - c. Gallia Fuels Company, LLC, (Gallia), is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. Gallia is a wholly owned subsidiary of REF Holdings III, LLC and operates a refined emissions fuel production line. **Parent Change 11/01/2018 REF Holdings III purchased membership interests from DTE REF Holdings II, LLC**
- 9. St. Clair Fuels Company, LLC (St. Clair Fuels) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. St. Clair Fuels is 1% owned DTE REF. St. Clair Fuels owns and operates a facility to produce refined coal.

- n) DTE Stoneman, LLC (Stoneman) is a Wisconsin limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Stoneman is a wholly owned subsidiary of DTE ES and is an inactive company.
- o) DTE Tuscola, LLC (Tuscola) is a Delaware limited liability company with offices at 414 S. Main Street, Ann Arbor, Michigan 48104. Tuscola is a wholly owned subsidiary of DTE ES. It is involved in the operation and maintenance of steam and power generation equipment at a facility in Tuscola, Illinois.
- p) DTE Woodland, LLC (Woodland) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Woodland is a wholly owned subsidiary of DTE ES and is engaged in biomass energy projects. Woodland owns:
 - 1. DTE Mt. Poso, LLC (Mt. Poso) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Mt. Poso is a wholly owned subsidiary of Woodland and owns 50% of Mt. Poso Cogeneration Company, LLC
 - a. Mt. Poso Cogeneration Company, LLC (Mt. Poso Cogen) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Mt. Poso Cogen is owned 50 % by Mt. Poso. Mt. Poso Cogen owns and operates a biomass energy facility and oil field.
 - 2. DTE Stockton, LLC (Stockton) is a Delaware limited liability company with offices at 414 S. Main, Ann Arbor, Michigan 48104. Stockton is a wholly owned subsidiary of Woodland and owns and operates a Biomass facility.
 - 3. Woodland Biomass Power LLC (WBP) is a California limited liability company in which Woodland is the sole member, with offices at 414 S. Main, Ann Arbor, Michigan 48104. This company is a wholly owned subsidiary of Woodland and owns and operates a biomass energy facility.
- 4) DTE Energy Trading, Inc. (DTE Energy Trading) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. DTE Energy Trading is a wholly owned subsidiary of DTE ER. DTE Energy Trading is engaged in wholesale and retail energy marketing. DTE Energy Trading owns DTE Energy Supply, Inc.
 - a) DTE Energy Supply, Inc. (Energy Supply) is a Michigan Corporation with offices at 414 S. Main, Ann Arbor, Michigan 48104. Energy Supply is a wholly owned subsidiary of DTE Energy Trading and is engaged in providing retail energy services.
- 5) DTE Generation, Inc. (DTE Generation) is a Michigan corporation with offices at 414 S. Main, Ann Arbor, Michigan, 48104. DTE Generation is a wholly owned subsidiary of DTE ER and is a holding company. DTE Generation owns DTE River Rouge, No. 1, LLC.
 - a) DTE River Rouge, No. 1, LLC (DTE River) is a Michigan limited liability company with offices at 414 S. Main, Ann Arbor, Michigan, 48104. DTE River is a wholly owned subsidiary of DTE Generation and is involved in a project at River Rouge Power Plant.
- C. DTE Energy Trust III (DTE III) is a Delaware statutory trust with offices at One Energy Plaza, Detroit, Michigan 48226-1279. DTE III may offer from time to time trust preferred securities.
- D. DTE Energy Ventures, Inc. (DTE Ventures) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. DTE Ventures is a wholly owned subsidiary of DTE and is engaged in business development. DTE Energy Ventures, Inc. owns DTE Solar Company of California.

- 1) DTE Solar Company of California (Solar) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Solar is a wholly owned subsidiary of DTE Ventures. Solar is engaged in solar photovoltaic leasing.
 - 2) Insight Energy Venture, LLC is a Michigan limited liability company with offices at The Corporation Company, 30600 Telegraph Rd, Suite 2345, Bingham Farms, Michigan 48025. Insight Energy Venture, LLC is owned 43% by DTE Energy Ventures, Inc. and 35% by Vectorform (non DTE entity). This company was formed for development, marketing, sale and delivery of energy management software, mobile applications and hardware technologies to the Utility Industry.
 - 3) Renaissance Venture Capital Fund 1, L.P. is a Limited Partnership company with offices at 600 Renaissance Center, Suite 1760 Detroit, Michigan 48243. Renaissance Venture Capital Fund 1, L.P. is owned 22% by DTE Energy Ventures, Inc. DTE Energy Ventures, Inc. holds subscription agreement with this company for limited partnership interest. Fund I is a venture capital fund of funds.
 - 4) Renaissance Venture Capital Fund 11, L.P. is a Limited Partnership company with offices at 201 S. Main Street Suite 1000 Ann Arbor, Michigan 48104. Renaissance Venture Capital Fund 11, L.P. is owned 12.7% by DTE Energy Ventures, Inc. Fund II is a venture capital fund of funds.
 - 5) Renaissance Venture Capital Fund III, L.P. is a Limited Partnership Company with offices at 201 S. Main, Ann Arbor, Michigan 48104. Renaissance Venture Capital Fund III, L.P. is owned 12.7% by DTE Energy Ventures, Inc.
- E. DTE Enterprises, Inc. (DTEE) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Except where otherwise indicated, DTEE owns, directly or indirectly, all the outstanding common stock of DTE Gas Holdings, Inc., Citizens Gas Fuel Company (Citizens), and DTE Gas Enterprises, LLC (Gas Enterprises).
- 1) Citizen's a Michigan corporation, is a public utility engaged in the distribution of natural gas in Michigan. Citizens' principal executive offices are located at 127 N. Main Street, Adrian, Michigan 49221. Citizen's is a wholly owned subsidiary of DTEE.
 - 2) DTE Gas Holdings, Inc., a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279, is the holding company for DTE Gas Company, a Michigan corporation, and DTE Gas Services Company.
 - a) DTE Gas Services Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It markets natural gas as a vehicular fuel and markets energy to residential and commercial customers through a transportation brokerage pilot program. DTE Gas Services Company became inactive in 2001. DTE Gas Services Company is a wholly owned subsidiary of DTE Gas Holdings, Inc.
 - b) DTE Gas Company (DTE Gas) is a public utility engaged in the distribution and transmission of natural gas in the state of Michigan. DTE Gas's principal executive offices are located at One Energy Plaza, Detroit, Michigan 48226-1279. DTE Gas conducts substantially all its business in the state of Michigan and is subject to the jurisdiction of the Michigan Public Service Commission as to various phases of its operations, including gas sales rates, service, and accounting.
 1. Blue Lake Holdings, Inc. (Blue Lake) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Blue Lake Holdings, Inc. is a wholly owned subsidiary of DTE Gas. It holds a 25% interest in Blue Lake Gas Storage Company.
 - a. Blue Lake Gas Storage Company is a partnership that has converted a depleted natural gas field in northern Michigan into a 46 billion cubic feet (Bcf) natural gas storage field, which it operates.

- 3) DTE Gas Enterprises, LLC (DTEGS) is the holding company for DTEE's various diversified energy subsidiaries. DTEGS, through its subsidiaries and joint ventures, provides gathering, processing and transmission services; engages in energy marketing activities and storage services; engages in gas and oil exploration, development and production; and is involved in other energy-related businesses. Except where otherwise indicated, the companies set forth below are wholly owned subsidiaries of DTEGS.
- a) DTE Gas Storage Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It engages in the storage of natural gas and is wholly owned by DTEGS.
1. Shelby Storage, L.L.C. is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is used to procure storage, mineral and load rights for a storage field. Shelby Storage, L.L.C. is wholly owned by DTE Gas Storage Company.
 2. South Romeo Gas Storage Company, L.L.C. (South Romeo) is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is owned 50% by DTE Gas Storage Company. South Romeo holds a 33.3% interest in South Romeo Gas Storage Corporation.
 - a. South Romeo Gas Storage Corporation is a Michigan corporation which was formed to facilitate the development of the Washington 28 storage field. It is owned 33.3% by South Romeo Gas Storage Company, L.L.C. and 33.3% by DTE Gas Storage Company.
 3. Washington 10 Storage Corporation is a Michigan corporation with offices at One Energy Plaza, Detroit Michigan 48226-1279. It is wholly owned by DTE Gas Storage Company and has entered a Participation Agreement dated June, 1997 with respect to the construction and leveraged lease financing of a natural gas storage facility located in Macomb County, Michigan
 4. Washington Resources, LLC is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279; it is wholly owned by DTE Gas Storage Company.
- b) DTE Pipeline Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It owns interests in pipeline and processing projects directly and through the following subsidiaries and partnerships. It is wholly owned by DTE Gas Enterprises, LLC.
1. Bluestone Gas Corporation of New York, Inc. is a New York corporation with offices at One Energy Plaza, Detroit, Michigan 48226. It is a wholly owned subsidiary of DTE Pipeline Company and it is engaged in natural gas gathering services.
 2. Bluestone Pipeline Company of Pennsylvania, LLC (Bluestone Pipeline) is a Pennsylvania company with offices at One Energy Plaza, Detroit, Michigan 48226. It is a wholly owned subsidiary of DTE Pipeline Company and it is engaged in natural gas gathering services.
 - a. Susquehanna Gathering Company I, LLC (Susquehanna) is a Pennsylvania company with offices at One Energy Plaza, Detroit, Michigan 48226. It is a wholly owned subsidiary of Bluestone Pipeline and is engaged in natural gas gathering services.
 3. DTE Appalachia Holdings, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. DTE Appalachia Holdings, LLC is wholly owned by DTE Pipeline Company and owns and operates AGS and SGG Gas gathering projects and related assets. It owns 100% of M3 Appalachia Operating, LLC, and DTE Series B Holdings, LLC.

- a. M3 Appalachia Operating, LLC is a Delaware Series Limited Liability Company with offices at One Energy Plaza Detroit, Michigan 48226. It is wholly owned by DTE Appalachia Holdings, LLC. This is not an operating company and consists of one series (which function as separate entities), Series B of M3 Appalachia Operating, LLC which owns and operates the Stone Gas Gathering System.
- b. DTE Appalachia Gathering, LLC is a Delaware Limited Liability Company with offices at One Energy Plaza, Detroit, Michigan 48226. It is wholly owned by DTE Appalachia Holdings, LLC and it owns and operates the Appalachia Gathering System gathering assets.
- c. DTE Series B Holdings, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. DTE Series B Holdings, LLC is wholly owned by DTE Appalachia Holdings, LLC, and owns 55% of Series B of M3 Appalachia Operating, LLC, which operates the SGG gas gathering projects and related assets.
 - i. Series B of M3 Appalachia Operating, LLC is a series limited liability company LC with offices at One Energy Plaza Detroit, Michigan 48226. It is owned 55% by DTE Series B Holdings, LLC, and DTE Appalachia Holdings, LLC is the managing member.
 - ii. Stonewall Gas Holdings; LLC is a Delaware Limited Liability Company with offices at One Energy Plaza, Detroit, Michigan 48226. It is wholly owned by M3 Appalachia Operating, LLC. It owns 100% of the equity of Stonewall Gas Gathering, LLC.
 - i. Stonewall Gas Gathering, LLC is a Delaware series Limited Liability Company with offices at One Energy Plaza, Detroit, Michigan 48226 it is wholly owned by Stonewall Gas Holdings, LLC and it owns and operates the Stone Gas Gathering assets.
- 4. DTE Birdsboro Pipeline, LLC is a Michigan limited liability company with offices in Pennsylvania. It is wholly owned by DTE Pipeline Company and is a developer of gas storage and pipeline projects.
- 5. DTE Dawn Gateway Canada Inc. is a Canadian corporation with offices at 44 Chipman Hill, Suite 1000 Saint John, New Brunswick, E2L 2A9. DTE Dawn Gateway Canada Inc. is a wholly owned subsidiary of DTE Pipeline Company.
- 6. DTE Michigan Gathering Holding Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. DTE Michigan Gathering Holding Company is wholly owned by DTE Pipeline Company. Through the subsidiaries below, it is engaged in pipeline and gathering projects in Michigan.
 - a. CVB Pipeline, LLC is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It owns and operates a gas pipeline. It is owned 99% by DTE Michigan Gathering Holding Company.
 - b. DTE Michigan Gathering Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It owns and operates the Antrim Expansion Pipeline. It is wholly owned by DTE Michigan Gathering Holding Company.
 - c. DTE Michigan Lateral Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It owns and operates a 210-mile pipeline and 325 miles of gathering lines in northern Michigan. It is wholly owned by DTE Michigan Gathering Holding Company and owns 51% of Hayes Otsego Pipeline, LLC.

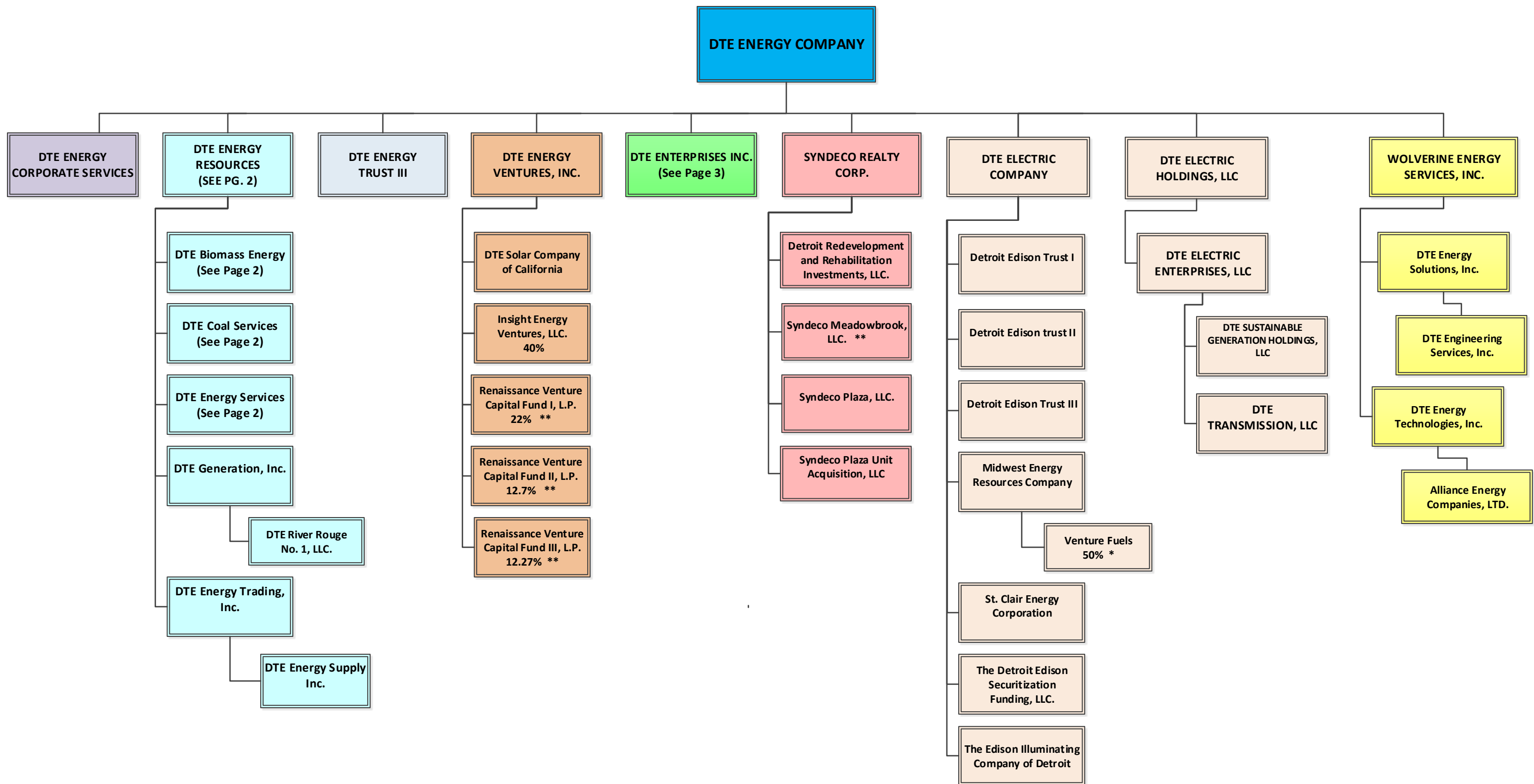
- i. Hayes Otsego Pipeline, LLC (Hayes Otsego) is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is owned 51% by DTE Michigan Lateral Company. It is engaged in pipeline and gathering projects.
 - d. Saginaw Bay Pipeline Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It currently owns and operates a 68-mile pipeline that transports natural gas and natural gas liquids from reserves in east-central Michigan to natural gas processing plants in northern Michigan. It is wholly owned by DTE Michigan Gathering Holding Company.
7. DTE MIDSTREAM APPALACHIA, LLC is a Michigan limited liability company with offices at One Energy Plaza Detroit, Michigan 48226. It is wholly owned by DTE Pipeline Company. The company was formed to own and operate gas gathering projects and supply laterals.
 8. DTE Ohio Midstream, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, MI 48226. It is wholly owned by DTE Pipeline Company and was formed to hold Oregon Energy Center lateral project. **NEW FORMATION 02/08/2018**
 9. DTE Millennium Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is wholly owned by DTE Pipeline Company. It owns a 26.25% interest in Millennium Pipeline Company, L.L.C.
 - a. Millennium Pipeline Company, L.L.C. is a Delaware limited liability company with offices at One Blue Hill Plaza, 7th Floor, and P.O. Box 1565, Pearl River, New York 10965. It owns and operates the Millennium Pipeline system. DTE Millennium Company owns 26.25% of Millennium Pipeline Company, L.L.C.
 10. DTE NEXUS HOLDINGS, LLC a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. It is wholly owned by DTE Pipeline Company and is the holding company to hold DTE Pipeline's membership interest in DTE NEXUS, LLC, the owner of NEXUS Gas Transmission, LLC
NEW FORMATION 10/05/2018
 - a. DTE NEXUS, LLC is a Delaware limited liability company with offices at One Energy Plaza, 2130 WCB Detroit, Michigan 48226. It is wholly owned by DTE Nexus Holdings, LLC. The company was formed to hold DTE Energy's ownership interest in Nexus Gas Transmission, LLC.
 - i. Nexus Gas Transmission, LLC is a Delaware limited liability Company with offices at 5400 Westheimer Court, Houston, Texas 77056. Nexus Gas Transmission, LLC is owned 50% by DTE NEXUS, LLC and operates the Greenfield Facilities.
 - i. NEXUS CAPACITY SERVICES, ULC is an unlimited liability company with offices at 4529 Melrose Street, Port Alberni, BC Canada. It is wholly owned by Nexus Gas Transmission, LLC
FORMATION 07/28/2017

11. DTE Ohio Holdings, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. It is wholly owned by DTE Pipeline Company. The company was formed as a holding company for potential GSP transaction in Ohio.
NEW FORMATION 12/17/2018
12. DTE Renaissance Pipeline, LLC is a Michigan limited liability company with offices at One Energy Plaza, 2130 WCB, Detroit, Michigan 48226. It is wholly owned by DTE Pipeline Company. The company is intended to be a FERC regulated entity to hold APV pipeline lateral project.
13. DTE Tioga Gas Holdings, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. It is wholly owned by DTE Pipeline Company and is the holding company for DTE Tioga Gas Gathering, LLC.
ACQUIRED 08/08/2018 – NAME CHANGE TO DTE MOONSHADOW GAS HOLDINGS, LLC 09/04/2018 – NAME CHANGE TO DTE TIOGA GAS HOLDINGS, LLC 09/28/2019
 - a. DTE Tioga Gas Gathering, LLC is a Delaware limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226. It is wholly owned by DTE Tioga Gas Holdings, LLC and owns a 3.4-mile natural gas gathering system that moves gas from producing wells to market. Eclipse Resources Corp is the producer/customer for this asset.
ACQUIRED 08/08/2018 – NAME CHANGE TO DTE MOONSHADOW GAS HOLDINGS, LLC 09/04/2018 – NAME CHANGE TO DTE TIOGA GAS HOLDINGS, LLC 09/28/2019
14. DTE Vector Canada, Inc. is a New Brunswick corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is wholly owned by DTE Pipeline Company. It holds a 39.6% limited partnership interest in Vector Pipeline Limited Partnership, an Alberta, Canada limited partnership which owns the Canadian portion of the Vector Pipeline.
 - a. Vector Pipeline Limited Partnership is an Alberta Canada limited partnership with offices at 38750 Seven Mile Road, Suite 490, Livonia, Michigan 48152. DTE Vector Canada, Inc. owns 39.6% of Vector Pipeline Limited Partnership and Vector Pipeline Limited own 1%.
15. DTE Vector Canada II, Inc. is a New Brunswick corporation. It is wholly owned by DTE Pipeline Company. It holds a 40% interest in Vector Pipeline Limited, which owns a 1% general partnership interest in Vector Pipeline Limited Partnership, an Alberta, Canada limited partnership which owns the Canadian portion of the Vector Pipeline.
 - a. Vector Pipeline Limited is an Alberta, Canada Corporation, with offices at 38705 Seven Mile Road, Suite 490, Livonia, Michigan 48152. It is owned 40% by DTE Vector Canada II, Inc., and it owns a 1% general partnership interest in Vector Pipeline Limited Partnership, an Alberta Canada limited partnership which owns the Canadian portion of the Vector Pipeline.
16. DTE Vector Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is wholly owned by DTE Pipeline Company. It was formed to hold a 39.6% limited partnership interest in Vector Pipeline L.P., a Delaware Limited Partnership which owns and operates the Vector Pipeline.
 - a. Vector Pipeline, L.P. is a Delaware limited partnership with offices at 38750 Seven Mile Road, Suite 490, Livonia, Michigan 48152. It owns and operates the Vector Pipeline. It is owned 39.6% by DTE Vector Company and 1% by Vector Pipeline, LLC.

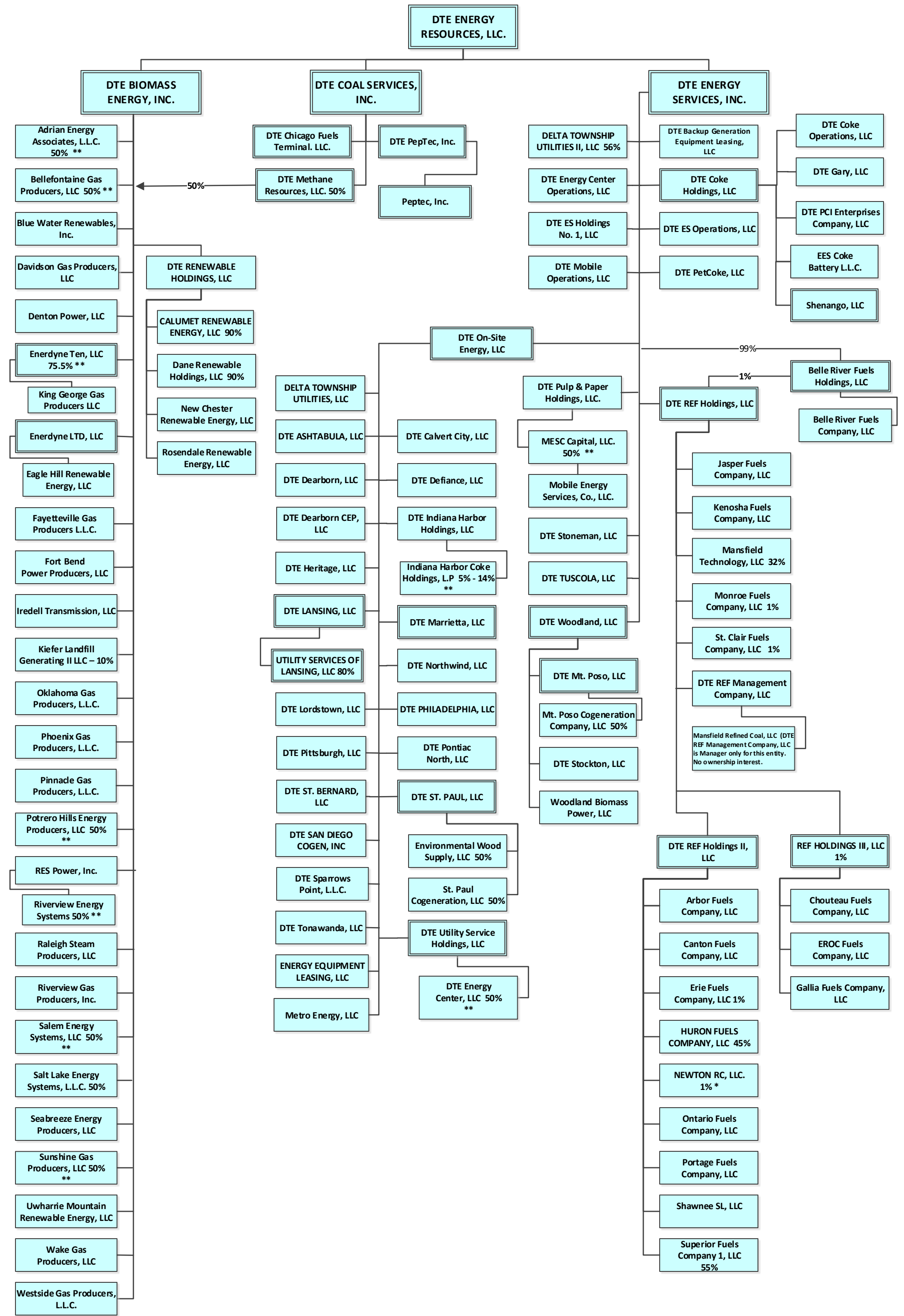
17. DTE Vector II Company is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is wholly owned by DTE Pipeline Company. It holds a 40% interest in Vector Pipeline, LLC.
 - a. Vector Pipeline, LLC is a Delaware limited liability company with offices at 38750 Seven Mile Road, Suite 490, Livonia, Michigan 48152. It is owned 40% by DTE Vector II Company and owns a 1% general partnership interest in Vector Pipeline L.P., a Delaware limited partnership which owns and operates the Vector Pipeline.
 - c) DTE Oil & Gas Group, Inc. is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It is wholly owned by DTE Gas Enterprises, LLC. It is engaged in natural gas and oil exploration, development and production through the following subsidiaries:
 1. MCNIC Enhanced Production, Inc. is a wholly owned subsidiary of DTE Oil & Gas Group, Inc. It owns a 75% interest in Otsego EOR, L.L.C. It is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279.
 - a. Otsego EOR, L.L.C. is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279 and is owned 75% by MCNIC Enhanced Production, Inc.
 2. MCNIC Oil & Gas Midcontinent, Inc., a wholly owned subsidiary of DTE Oil & Gas Group, Inc. It is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279.
 3. MCNIC Oil & Gas Properties, Inc., a wholly owned subsidiary of DTE Oil & Gas Group, Inc., is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279.
 4. Otsego Exploration Company, L.L.C., a wholly owned subsidiary of DTE Oil & Gas Group, Inc., is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279.
 - d) MCN International Corporation is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. It was formed as a holding company for DTEE's international subsidiaries and is wholly owned by DTE Gas Enterprises, LLC.
 1. MCNIC International Holdings of Grand Cayman, Cayman Islands is wholly owned by MCN International Corporation and is an inactive company
 2. MCNIC UAE Limited of Grand Cayman, Cayman Island is wholly owned by MCN International Corporation and was formed to hold a 39% interest in a United Arab Emirate fertilizer plant project. Subsequently, MCNIC UAE Limited converted its equity interest into a loan. The loan was sold in 2004, leaving MCNIC UAE with no remaining assets and is an F company.
- F. Syndeco Realty Corporation (Syndeco) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Syndeco is a wholly owned subsidiary of DTE. Syndeco is engaged in real estate projects.
- 1) Detroit Redevelopment and Rehabilitation Investments, LLC is a Michigan Company with offices at One Energy Plaza, Detroit, Michigan 48226-1289. It is a wholly owned subsidiary of Syndeco and is engaged in real estate acquisitions.

- 2) Syndeco Meadowbrook, LLC (Meadowbrook) is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Meadowbrook is a wholly owned subsidiary of Syndeco and owns property in Novi for future development.
 - 3) Syndeco Plaza L.L.C. (Syndeco Plaza) is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Syndeco Plaza is a wholly owned subsidiary of Syndeco and is engaged real estate projects.
 - 4) Syndeco Plaza Unit Acquisition LLC (Plaza Unit) is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Syndeco owns 100% of this entity.
- G. DTE Electric Company, (DTE Electric), is incorporated in Michigan and is a Michigan public utility. It is engaged in the generation, purchase, distribution and sale of electric energy in Southeastern Michigan. It also owned and operated a steam heating system in Detroit, Michigan, which was sold in January, 2003. On January 1, 1996, DTE Electric became a wholly owned subsidiary of the DTE Energy Company. DTE Electric's address is One Energy Plaza, Detroit, Michigan 48226-1279.
- 1) Detroit Edison Trust I (DET I) is a Delaware statutory trust with offices at One Energy Plaza, Detroit, Michigan 48226-1279. DET I may offer from time to time trust preferred securities.
 - 2) Detroit Edison Trust II (DET II) is a Delaware statutory trust with offices at One Energy Plaza, Detroit, Michigan 48226-1279. DET II may offer from time to time trust preferred securities.
 - 3) Detroit Edison Trust III (DET III) is a Delaware statutory trust with offices at One Energy Plaza, Detroit, Michigan 48226-1279. DET III may offer from time to time trust preferred securities.
 - 4) Midwest Energy Resources Company (MERC) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. MERC is a wholly owned subsidiary of DTE Electric and is engaged in operating a coal-transshipment facility in Superior, Wisconsin. It owns 50% of Venture Fuels.
 - a) Venture Fuels is a Colorado partnership formed for marketing coal in the Great Lakes Region and is 50% owned by MERC.
 - 5) St. Clair Energy Corporation (St. Clair) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. St. Clair is a wholly owned subsidiary of DTE Electric and is engaged in fuel procurement.
 - 6) The Detroit Edison Securitization Funding, L.L.C. (Securitization Funding) is a Michigan limited liability company with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Securitization Funding is a wholly owned subsidiary of DTE Electric and is a special purpose entity established to recover certain stranded costs, called Securitization Property by Michigan Statute.
 - 7) The Edison Illuminating Company of Detroit (EIC) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. EIC is a wholly owned subsidiary of DTE Electric and holds real estate.
- H. Wolverine Energy Services, Inc. (Wolverine) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Wolverine is a wholly owned subsidiary of DTE Energy Company and is a holding company.
- 1) DTE Energy Solutions, Inc. (Solutions) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Solutions is a wholly owned subsidiary of Wolverine and is engaged in system based energy related products and services.

- 2) DTE Engineering Services, Inc., (DTE Engineering Services), is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. DTE Engineering Services is a wholly owned subsidiary of Solutions. DTE Engineering Services is engaged in professional engineering services.
- 3) DTE Energy Technologies, Inc. (Technologies) is a Michigan corporation with offices at One Energy Plaza, Detroit, Michigan 48226-1279. Technologies are a wholly owned subsidiary of Wolverine and are engaged in energy solutions for industrial, commercial and small businesses.
- 4) Alliance Energy Companies, Ltd. (Alliance) is a Minnesota corporation with offices at 1715 Lake Drive West, Chanhassen, Minnesota 55317-8580. Alliance is a wholly owned subsidiary of Technologies and is the holding company for the following entity.



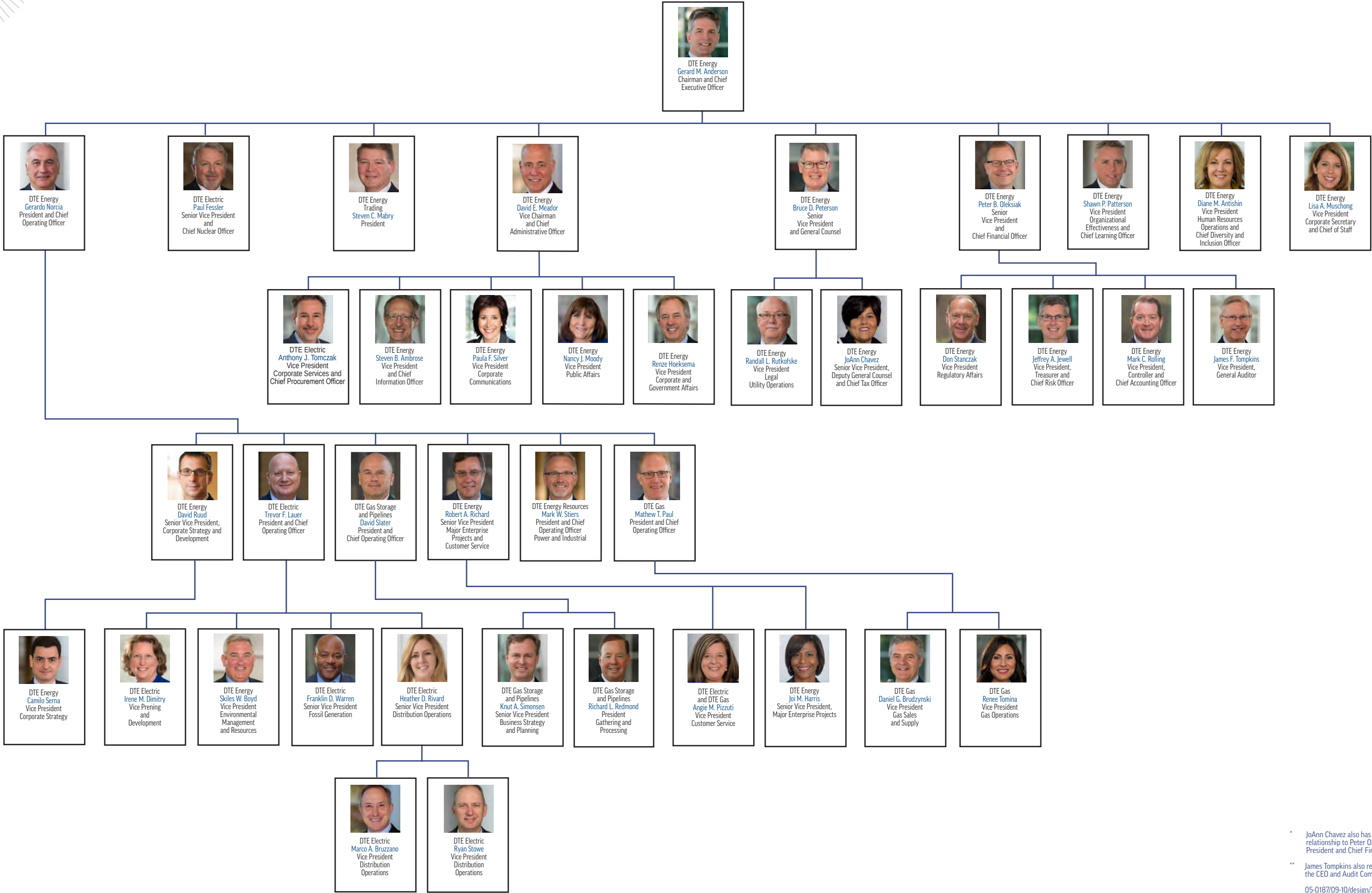
* Joint Venture **Partnership



* Joint Venture **Partnership



Executive Organization Chart



* JoAnn Chavez also has a matrixed reporting relationship to Peter Oleksiak, Senior Vice President and Chief Financial Officer.

** James Tompkins also reports to the CEO and Audit Committee