Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110
1210-0089

2022

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A This return/report is for:
- [ ] a multiemployer plan
- [ ] a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [X] a single-employer plan
- [ ] a DFE (specify) ____

B This return/report is:
- [ ] the first return/report
- [ ] the final return/report
- [ ] an amended return/report
- [ ] a short plan year return/report (less than 12 months)

C If the plan is a collectively-bargained plan, check here. . . . . ▶ [X]

D Check box if filing under:
- [X] Form 5558
- [ ] automatic extension
- [ ] the DFVC program
- [ ] special extension (enter description)

E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. . . . . ▶ [ ]

Part II Basic Plan Information—enter all requested information

1a Name of plan
DTE ENERGY COMPANY SAVINGS AND STOCK OWNERSHIP PLAN

1b Three-digit plan number (PN) ▶ 002

1c Effective date of plan 06/06/1983

2a Plan sponsor's name (employer, if for a single-employer plan)
Mailing address (include room, apt., suite no. and street, or P.O. Box)
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)
DTE ENERGY CORPORATE SERVICES,LLC

ONE ENERGY PLAZA, 240 GO
DETROIT, MI 48226-1221

2b Employer Identification Number (EIN) 20-5898509

2c Plan Sponsor's telephone number 313-235-8257

2d Business code (see instructions) 221100

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/05/2023	MICHAEL S COOPER
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☐ Same as Plan Sponsor

THE DTE ENERGY COMPANY BENEFIT PLAN

ADMINISTRATION COMMITTEE
ONE ENERGY PLAZA, 240 GO
DETROIT, MI 48226-1221

3b Administrator's EIN: 38-3217752

3c Administrator's telephone number: 313-235-8257

4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:
a Sponsor's name
c Plan Name

4b EIN

4d PN

5 Total number of participants at the beginning of the plan year	**5**	7558
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a(1) Total number of active participants at the beginning of the plan year	**6a(1)**	5658
a(2) Total number of active participants at the end of the plan year	**6a(2)**	5669
b Retired or separated participants receiving benefits	**6b**	469
c Other retired or separated participants entitled to future benefits	**6c**	1523
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	7661
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	32
f Total. Add lines **6d** and **6e**	**6f**	7693
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	7480
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	113
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

2E 2F 2H 2J 2K 2R 2S 2T 3H 3I 2O

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)

- (1) ☐ Insurance
- (2) ☐ Code section 412(e)(3) insurance contracts
- (3) ☒ Trust
- (4) ☐ General assets of the sponsor

9b Plan benefit arrangement (check all that apply)

- (1) ☐ Insurance
- (2) ☐ Code section 412(e)(3) insurance contracts
- (3) ☒ Trust
- (4) ☐ General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1) ☒ **R** (Retirement Plan Information)
- (2) ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- (1) ☒ **H** (Financial Information)
- (2) ☐ **I** (Financial Information – Small Plan)
- (3) ☐ 0 **A** (Insurance Information)
- (4) ☒ **C** (Service Provider Information)
- (5) ☒ **D** (DFE/Participating Plan Information)
- (6) ☐ **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ..... ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code_____

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ **File as an attachment to Form 5500.**	**2022** **This Form is Open to Public Inspection.**

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A Name of plan	**B** Three-digit plan number (PN) ▶
DTE ENERGY COMPANY SAVINGS AND STOCK OWNERSHIP PLAN	002
C Plan sponsor's name as shown on line 2a of Form 5500	**D** Employer Identification Number (EIN)
DTE ENERGY CORPORATE SERVICES,LLC	20-5898509

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. . . . . ☐ Yes ☒ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

EMPOWER ADVISORY GROUP, LLC

84-1532243

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
26 50	NONE	1363144	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

MELLON INVESTMENTS CORPORATION

25-1442864

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51 68	NONE	280355	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

(a) Enter name and EIN or address (see instructions)

BLACKROCK INSTITUTIONAL TRUST CO

94-3112180

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51 52 68	NONE	77214	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

JPMORGAN CHASE BANK, NA

13-4994650

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 28 50 51	NONE	46023	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

(a) Enter name and EIN or address (see instructions)

EMPOWER ANNUITY INSURANCE COMPANY O

84-0467907

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
64 15 37 50	NONE	7725	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [X] No [ ]

(a) Enter name and EIN or address (see instructions)

EMPOWER FINANCIAL SERVICES, INC.

84-0965407

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
72 33 26	NONE	2580	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)

(complete as many entries as needed)

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

a Name:	**b** EIN:
c Position:	
d Address:	**e** Telephone:

Explanation:

SCHEDULE D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2022

This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A Name of plan
DTE ENERGY COMPANY SAVINGS AND STOCK OWNERSHIP PLAN

B Three-digit plan number (PN) ▶ 002

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
DTE ENERGY CORPORATE SERVICES,LLC

D Employer Identification Number (EIN)
20-5898509

Part I **Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)**
(Complete as many entries as needed to report all interests in DFEs)

a Name of MTIA, CCT, PSA, or 103-12 IE: THE DTE ENERGY CO MASTER PLAN TRUST

b Name of sponsor of entity listed in (a): DTE ENERGY COMPANY

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
04-6767525-022	M	1931216865

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

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b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2022

This Form is Open to Public Inspection

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A Name of plan
DTE ENERGY COMPANY SAVINGS AND STOCK OWNERSHIP PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
DTE ENERGY CORPORATE SERVICES,LLC

D Employer Identification Number (EIN)
20-5898509

Part I Asset and Liability Statement

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a	0	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	0	0
(2) Participant contributions	1b(2)	0	0
(3) Other	1b(3)	0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	0	0
(2) U.S. Government securities	1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	0
(B) All other	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	0
(B) Common	1c(4)(B)	0	0
(5) Partnership/joint venture interests	1c(5)	0	0
(6) Real estate (other than employer real property)	1c(6)	0	0
(7) Loans (other than to participants)	1c(7)	0	0
(8) Participant loans	1c(8)	22443822	24633685
(9) Value of interest in common/collective trusts	1c(9)	0	0
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)	2322409722	1931216865
(12) Value of interest in 103-12 investment entities	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	0	0
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	0	0
(15) Other	1c(15)	0	0

		(a) Beginning of Year	(b) End of Year
1d Employer-related investments:			
(1) Employer securities	1d(1)	0	0
(2) Employer real property	1d(2)	0	0
e Buildings and other property used in plan operation	1e	0	0
f Total assets (add all amounts in lines 1a through 1e)	1f	2344853544	1955850550
Liabilities			
g Benefit claims payable	1g	0	0
h Operating payables	1h		
i Acquisition indebtedness	1i	0	0
j Other liabilities	1j	0	0
k Total liabilities (add all amounts in lines 1g through1j)	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	2344853544	1955850550

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: **(A)** Employers	2a(1)(A)	44702258	
(B) Participants	2a(1)(B)	71776363	
(C) Others (including rollovers)	2a(1)(C)	5951607	
(2) Noncash contributions	2a(2)	0	
(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		122430228
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	0	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)	0	
(E) Participant loans	2b(1)(E)	1136783	
(F) Other	2b(1)(F)	0	
(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		1136783
(2) Dividends: **(A)** Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	0	
(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		0
(3) Rents	2b(3)		0
(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)	0	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)	0	
(B) Other	2b(5)(B)	0	
(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		0
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		-328572213
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		0
c Other income	2c		0
d Total income. Add all **income** amounts in column (b) and enter total	2d		-205005202
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	186850400	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		186850400
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions)	2g		330596
h Interest expense	2h		0
i Administrative expenses: (1) Professional fees	2i(1)	30577	
(2) Contract administrator fees	2i(2)	0	
(3) Investment advisory and management fees	2i(3)	1985375	
(4) Other	2i(4)	12565	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		2028517
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		189209513
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		-394214715
l Transfers of assets:			
(1) To this plan	2l(1)		7145478
(2) From this plan	2l(2)		1933757

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) [X] Unmodified **(2)** [ ] Qualified **(3)** [ ] Disclaimer **(4)** [ ] Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) [ ] DOL Regulation 2520.103-8 **(2)** [ ] DOL Regulation 2520.103-12(d) **(3)** [X] neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: GEORGE JOHNSON & COMPANY **(2)** EIN: 38-2029668

d The opinion of an independent qualified public accountant is **not attached** because:

(1) [ ] This form is filed for a CCT, PSA, or MTIA. **(2)** [ ] It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	4a		X	

		Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e Was this plan covered by a fidelity bond?	4e	X		25000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	**5b(2)** EIN(s)	**5b(3)** PN(s)
DTE ELECTRIC COMPANY SAVINGS AND STOCK OWNERSHIP PLAN FOR EMPLOYEES REPRESENTED BY LOCAL 223 OF THE UTILITY WORKERS UNION OF AMERICA	20-5898509	003
DTE ELECTRIC COMPANY SAVINGS & STOCK OWNERSHIP PLAN FOR EMPLOYEES REPRESENTED BY LOCAL 17 OF THE IBEW	20-5898509	004

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Retirement Plan Information

This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2022

This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A Name of plan
DTE ENERGY COMPANY SAVINGS AND STOCK OWNERSHIP PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
DTE ENERGY CORPORATE SERVICES,LLC

D Employer Identification Number (EIN)
20-5898509

Part I Distributions

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions ..... 1 | 0

2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):

EIN(s): 84-1455663

Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.

3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year 3

Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ..... ☐ Yes ☐ No ☐ N/A

If the plan is a defined benefit plan, go to line 8.

5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month _____ Day _____ Year _____

If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.

6 **a** Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) 6a

b Enter the amount contributed by the employer to the plan for this plan year 6b

c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount) 6c

If you completed line 6c, skip lines 8 and 9.

7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ..... ☐ Yes ☐ No ☐ N/A

8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ..... ☐ Yes ☐ No ☐ N/A

Part III Amendments

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ..... ☐ Increase ☐ Decrease ☐ Both ☐ No

Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ..... ☐ Yes ☒ No

11 **a** Does the ESOP hold any preferred stock? ..... ☐ Yes ☒ No

b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ..... ☐ Yes ☒ No

12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ..... ☐ Yes ☒ No

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment)	**14a**	
b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	**14b**	
c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	**14c**	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	**15a**	
b The corresponding number for the second preceding plan year	**15b**	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	**16a**	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	**16b**	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

19 If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

20 **PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation_____

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 11-K

ANNUAL REPORT PURSUANT TO SECTION 15(d)

OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2022

Commission file number 1-11607

DTE ENERGY COMPANY DEFINED CONTRIBUTION PLANS

DTE Energy Company Savings and Stock Ownership Plan
DTE Electric Company Savings & Stock Ownership Plan for Employees Represented by Local 223 of the Utility Workers Union of America
DTE Electric Company Savings & Stock Ownership Plan for Employees Represented by Local 17 of the International Brotherhood of Electrical Workers
DTE Gas Company Investment and Stock Ownership Plan

DTE ENERGY COMPANY

One Energy Plaza

Detroit, Michigan 48226-1279

DTE Energy Company Defined Contribution Plans

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Statements of Changes in Net Assets Available for Benefits	4
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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

June 20, 2023

To the Participants, Benefit Plan Administration Committee, and Investment Committee
DTE Energy Company Defined Contribution Plans

Opinion on the Financial Statements

We have audited the accompanying statements of net assets available for benefits of the DTE Energy Company Savings and Stock Ownership Plan (the "SSOP"), the DTE Electric Company Savings & Stock Ownership Plan for Employees Represented by Local 223 of the Utility Workers Union of America (the "Local 223 Plan"), the DTE Electric Company Savings & Stock Ownership Plan for Employees Represented by Local 17 of the International Brotherhood of Electrical Workers (the "Local 17 Plan"), and the DTE Gas Company Investment and Stock Ownership Plan (the "Gas ISOP"), collectively referred to as the "DTE Energy Company Defined Contribution Plans" (the "Plans"), as of December 31, 2022 and 2021, and the related statements of changes in net assets available for benefits for the year ended December 31, 2022, as well as the related notes and schedules (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the net assets available for benefits of the Plans as of December 31, 2022 and 2021, and the changes in their net assets available for benefits for the year ended December 31, 2022, in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements are the responsibility of the Plans' management. Our responsibility is to express an opinion on the Plans' 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 Plans 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 Plans are not required to have, nor were we engaged to perform, an audit of their 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 Plans' internal control over financial reporting. Accordingly, we express no such opinion.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM (CONTINUED)

Basis for Opinion (continued)

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.

Supplementary Information

The supplementary information contained in the schedules of assets (held at end of year) as of December 31, 2022 has been subjected to audit procedures performed in conjunction with the audits of the Plans' financial statements. The supplementary information is the responsibility of the Plans' management. Our audit procedures included determining whether the supplementary information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplementary information. In forming our opinion on the supplementary information, we evaluated whether the supplementary information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, as amended. In our opinion, the supplementary information is fairly stated, in all material respects, in relation to the financial statements as a whole.

/s/ GJC CPA'S & ADVISORS

Detroit, Michigan

We have served as the auditor of the SSOP, the Local 223 Plan, and the Local 17 Plan since 2002, and we have served as the Gas ISOP's auditor since 1999.

GJC

CPAs | ADVISORS

INDEPENDENT AUDITOR'S REPORT

June 20, 2023

To the Participants, Benefit Plan Administration Committee, and Investment Committee
DTE Energy Company Defined Contribution Plans

Opinion

We have audited the financial statements of the DTE Energy Company Savings and Stock Ownership Plan (the "SSOP"), the DTE Electric Company Savings & Stock Ownership Plan for Employees Represented by Local 223 of the Utility Workers Union of America (the "Local 223 Plan"), the DTE Electric Company Savings & Stock Ownership Plan for Employees Represented by Local 17 of the International Brotherhood of Electrical Workers (the "Local 17 Plan"), and the DTE Gas Company Investment and Stock Ownership Plan (the "Gas ISOP"), collectively referred to as the "DTE Energy Company Defined Contribution Plans" (the "Plans"), employee benefit plans subject to the Employee Retirement Income Security Act of 1974, as amended ("ERISA"), which comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statements of changes in net assets available for benefits for the year ended December 31, 2022, as well as the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the net assets available for benefits of the Plans as of December 31, 2022 and 2021, and the changes in their net assets available for benefits for the year ended December 31, 2022, in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP").

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America ("U.S. GAAS"). Our responsibilities under those standards are further described in the "Auditor's Responsibilities for the Audits of the Financial Statements" section of our report. We are required to be independent of the Plans and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

The Plans' management is responsible for the preparation and fair presentation of the financial statements in accordance with U.S. GAAP, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plans' ability to continue as going concerns for one year after the date that the financial statements are available to be issued.

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535 Griswold Street
Suite 1200
Detroit, Michigan 48226
Tel: (313) 965-2655
Fax: (833) 452-2727

INDEPENDENT AUDITOR'S REPORT (CONTINUED)

Responsibilities of Management for the Financial Statements (continued)

The Plans' management is also responsible for maintaining current plan instruments, including all plan amendments, administering the Plans, and determining that the Plans' transactions that are presented and disclosed in the financial statements are in conformity with the Plans' provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audits of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. *Reasonable assurance* is a high level of assurance but is not absolute assurance and, therefore, is not a guarantee that an audit conducted in accordance with U.S. GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with U.S. GAAS:

- We exercise professional judgment and maintain professional skepticism throughout the audit.

- We identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and we design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.

- We obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plans' internal control. Accordingly, no such opinion is expressed.

- We evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, and we evaluate the overall presentation of the financial statements.

- We conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plans' ability to continue as going concerns for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audits, significant audit findings, and certain internal control-related matters that we identified during the audits.

INDEPENDENT AUDITOR'S REPORT (CONTINUED)

Supplemental Schedules Required by ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental schedules of assets (held at end of year) as of December 31, 2022 are presented for the purposes of additional analysis and are not a required part of the financial statements, but are supplementary information required by the Department of Labor's ("DOL") Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from, and relates directly to, the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with U.S. GAAS.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, including their form and content, are presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion, the information in the accompanying supplemental schedules is fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

GJC CPA's & Advisors

Detroit, Michigan

DTE Energy Company Defined Contribution Plans

Statements of Net Assets Available for Benefits

	December 31, 2022				
	SSOP	Local 223 Plan	Local 17 Plan	Gas ISOP	Total (Memorandum Only)
	(In thousands)				
ASSETS					
Participant-directed investment in DTE Energy Company Master Plan Trust, at fair value (Note 4)	$ 1,931,217	$ 763,591	$ 163,863	$ 77,200	$ 2,935,871
Notes receivable from participants	24,634	19,804	3,184	1,775	49,397
Net Assets Available for Benefits	**$ 1,955,851**	**$ 783,395**	**$ 167,047**	**$ 78,975**	**$ 2,985,268**

	December 31, 2021				
	SSOP	Local 223 Plan	Local 17 Plan	Gas ISOP	Total (Memorandum Only)
	(In thousands)				
ASSETS					
Participant-directed investment in DTE Energy Company Master Plan Trust, at fair value (Note 4)	$ 2,322,410	$ 933,485	$ 193,616	$ 91,919	$ 3,541,430
Notes receivable from participants	22,444	18,954	2,935	1,898	46,231
Net Assets Available for Benefits	$ 2,344,854	$ 952,439	$ 196,551	$ 93,817	$ 3,587,661

See accompanying Notes to Financial Statements

DTE Energy Company Defined Contribution Plans

Statements of Changes in Net Assets Available for Benefits

	Year Ended December 31, 2022				
	SSOP	Local 223 Plan	Local 17 Plan	Gas ISOP	Total (Memorandum Only)
	(In thousands)				
Additions to Net Assets Attributed to:					
Plans' share of the DTE Energy Company Master Plan Trust investment income (loss)	$ (328,572)	$ (117,107)	$ (26,909)	$ (12,070)	$ (484,658)
Interest on participant notes receivable	1,137	946	150	89	2,322
Contributions:					
Employer	44,702	21,285	3,039	2,576	71,602
Participant	71,776	38,233	11,482	3,599	125,090
Rollover	5,952	2,548	—	685	9,185
	122,430	62,066	14,521	6,860	205,877
Net transfers from other sponsored plans and other	5,212	—	1,912	—	7,124
Total Additions - Net	(199,793)	(54,095)	(10,326)	(5,121)	(269,335)
Deductions from Net Assets Attributed to:					
Distributions and withdrawals	(187,181)	(107,871)	(19,018)	(8,752)	(322,822)
Investment advisory and other fees	(2,029)	(817)	(160)	(106)	(3,112)
Net transfers to other sponsored plans and other	—	(6,261)	—	(863)	(7,124)
Total Deductions	(189,210)	(114,949)	(19,178)	(9,721)	(333,058)
Net Decrease	(389,003)	(169,044)	(29,504)	(14,842)	(602,393)
Net Assets Available for Benefits					
Beginning of year	2,344,854	952,439	196,551	93,817	3,587,661
End of year	**$ 1,955,851**	**$ 783,395**	**$ 167,047**	**$ 78,975**	**$ 2,985,268**

See accompanying Notes to Financial Statements

NOTE 1 — DESCRIPTION OF THE PLANS

The following description of the DTE Energy Company Savings and Stock Ownership Plan (SSOP), the DTE Electric Company Savings & Stock Ownership Plan for Employees Represented by Local 223 of the Utility Workers Union of America (Local 223 Plan), the DTE Electric Company Savings & Stock Ownership Plan for Employees Represented by Local 17 of the International Brotherhood of Electrical Workers (Local 17 Plan), and the DTE Gas Company Investment and Stock Ownership Plan (Gas ISOP) (collectively, the Plans) provides only general information. Participants should refer to the respective Summary Plan Descriptions and the respective Plan documents for a more complete description of each of the Plan's provisions.

General

The Plans are voluntary, defined contribution plans covering the employee groups described below.

The SSOP covers regular full-time and part-time employees of DTE Electric Company (DTE Electric), DTE Gas Company (DTE Gas), DTE Enterprises, Inc., DTE Energy Corporate Services, LLC (DTE LLC), affiliates of DTE LLC (Participating Affiliates), Citizens Gas Fuel Company (Citizens Gas), and Midwest Energy Resources Company (MERC) that are not represented by a collective bargaining agreement. The SSOP also covers certain regular full-time and part-time employees of DTE Electric, Citizens Gas, and non-regulated Participating Affiliates who are represented by collective bargaining agreements.

The SSOP has three distinct subdivisions, which originate from the merger of former plans. These subdivisions are generally referred to as the DTE Electric Plan, the MCN Plan, and the Citizens Plan. Participation in the subdivisions may be dependent upon the defined benefit plan in which the employee participates.

DTE LLC is a subsidiary of DTE Energy Company (DTE Energy). DTE LLC, the specific employers listed above, and the Participating Affiliates are otherwise referred to as the “Company” or “Companies.”

The Local 223 Plan covers regular full-time and part-time employees of a Regulated Participating Employer (DTE LLC, DTE Electric, and DTE Gas) represented by Local 223 of the Utility Workers Union of America.

The Local 17 Plan covers regular full-time and part-time employees of the Company represented by Local 17 of the International Brotherhood of Electrical Workers.

The Gas ISOP covers regular full-time and part-time employees of the Company represented by:

- Local #799C Transmission and Storage Operations (T&SO), International Chemical Workers Union Council, United Food and Commercial Workers;
- Local #799C Northern, International Chemical Workers Union Council, United Food and Commercial Workers;
- Local #70C, International Chemical Workers Union Council, United Food and Commercial Workers; or
- Local #132C, International Chemical Workers Union Council, United Food and Commercial Workers

Employees are eligible to participate in the respective Plans as soon as administratively practicable upon hire. The Plans are subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA).

DTE LLC is the sponsor of the Plans. The DTE Energy Benefit Plan Administration Committee (BPAC) is the administrator of the Plans (Plan Administrator). The Plan Administrator has the responsibility for the day-to-day administration of the Plans. DTE LLC, acting through the DTE Energy Investment Committee, is responsible for the selection and retention of the Plans' investment options and any investment manager that may be appointed under the DTE Energy Company Master Plan Trust (Master Trust). Empower Trust Company, LLC (formerly known as "Great-West Trust Company, LLC") is the Plans' Trustee (Trustee), and Empower Retirement is the Plans' recordkeeper (Recordkeeper).

Investment management fees, brokerage fees, transfer taxes, and other expenses incidental to the purchase or sale of securities are paid from investment assets.

Contributions

Each of the Plans provides for Employee Contributions in the form of pre-tax contributions (Tax Deferred Contributions), post-tax contributions (Employee After-Tax Contributions) (excluding Citizens Plan), and Roth 401(k) Contributions, up to a maximum of 100% of annual eligible compensation (as defined by the respective Plans) and subject to maximum limitations established by the Internal Revenue Code of 1986, as amended (IRC). Certain employee groups are automatically enrolled with a 4 percent pre-tax deferral rate. If stated in the respective Plan document, the deferral rate increases 1 percent each year, until it reaches a maximum of 10 percent. Participants age 50 or older in the plan year are also eligible to make Catch-Up Contributions and Roth 401(k) Catch-Up Contributions subject to the limitations established by the IRC. Participants may also directly roll over distributions of certain assets from a tax-qualified plan of a prior employer (Direct Rollover Contributions) into the Plans.

After six months of service for participants of the Local 223, Local 17, and Gas ISOP Plans, after two years of service for participants of the Citizens Plan subdivision of the SSOP, and upon hire for all other participants, the Company makes Company Contributions on behalf of eligible participants (as defined by the respective Plans) based on a participant's Employee Contributions, excluding Catch-Up Contributions. The amount of the Company Contribution is dependent upon the respective Plan and participant's employee group, as specified in the Plan document.

For eligible employees of the SSOP, Local 223, and Gas ISOP Plans, and as defined in those respective Plan documents, the Company will make a Non-Elective Contribution each pay period equal to 4% of the participant's eligible compensation. Employees do not need to make Employee Contributions to be eligible for the Non-Elective Contribution.

Participant Accounts

Each participant's account is increased with the participant's Employee Contributions, including eligible Direct Rollover Contributions, Company Contributions, and Non-Elective Contributions. Each participant's account is reduced by withdrawals, loans and fees. Participant accounts also increase or decrease due to investment gains or losses. Forfeited balances of terminated participants' non-vested accounts are used to reduce future Company Contributions. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Employee Contributions and Direct Rollover Contributions are fully vested at all times. In general, Company Contributions and Non-Elective Contributions will vest according to the following schedule:

Years of Service	Percent Vested
Less than 2	0%
2	20%
3	40%
4	60%
5	80%
6	100%

In addition, a participant will generally have a fully vested interest in Company Contributions and Non-Elective Contributions upon (a) attainment of age 65 while actively employed, (b) disability, as defined in the Plans, (c) death, or (d) in some cases, in connection with the sale of a business.

Investment Options

Participants may elect to have their Employee Contributions and Direct Rollover Contributions invested entirely in any one of the investment funds or in any combination of the investment funds held in the Master Trust. For the Local 223 Plan, Local 17 Plan, and Gas ISOP, Company Contributions and Non-Elective Contributions will be initially invested in the DTE Energy Stock Fund. For the SSOP, Company Contributions will be made either in cash or in shares of DTE Energy common stock at the option of DTE LLC, and Non-Elective Contributions will be invested in the DTE Energy Stock Fund or other funds designated by the Plan Administrator. If the Company Contribution is made in cash, the DTE Energy Stock Fund will immediately purchase shares of DTE Energy common stock at current market rates. Contributions made by the Company invested in the DTE Energy Stock Fund, or to any other fund directed by the Plan Administrator, can be transferred to any investment by participants.

The entire DTE Energy Stock Fund is considered to be the Employee Stock Ownership Plan (ESOP) portion of the Plans. Quarterly dividends from DTE Energy common stock are automatically reinvested in DTE Energy common stock, unless distributed. DTE Energy common stock dividends may be paid out in cash on a quarterly basis, at the participant's election, and are reported as distributions in the accompanying Statements of Changes in Net Assets Available for Benefits.

The Trustee purchases and sells shares of DTE Energy common stock in open market transactions at prevailing market prices. However, the Trustee may purchase or sell DTE Energy common stock from or to DTE Energy if the purchase or sale price is for adequate consideration. Brokerage commissions are charged against the DTE Energy Stock Fund.

A participant's interest in the DTE Energy Stock Fund is measured by share trading. A share-traded investment is traded and valued on a share basis.

Administrative Expenses

The Company pays certain administrative and other expenses of the Plans.

Voting Rights

Each participant is entitled to exercise voting rights attributable to the shares of DTE Energy common stock allocated to their account and is notified by the Trustee prior to the time that such rights are to be exercised. The Trustee is not permitted to vote any allocated share for which instructions have not been given by a participant in the DTE Electric Plan subdivision of the SSOP, in the Local 223 Plan, or in the Local 17 Plan. For the remaining subdivisions of the SSOP and for the Gas ISOP, shares with respect to which the Trustee does not receive voting instructions will be voted by the Trustee in the same proportion as shares for which the Trustee receives voting instructions.

Distributions, Withdrawals, and Participant Notes Receivable

Distributions can be made upon termination of employment, death or disability, as defined under each of the plans. Some distribution options include 100% lump sum payments, installment payments, or partial lump sum payments (no more than four times per year). Distributions cannot be deferred beyond April 1st of the year following the year the participant attains age 70 1/2 (if born before July 1, 1949) or age 72 (if born after June 30, 1949) unless the participant is still employed by the Company. The Plans also allow participants to withdraw, prior to termination of employment, certain portions of their account balances as an in-service distribution, upon attainment of age 59 ½, or under financial hardship, as defined in the respective Plan documents.

Participants may borrow from their accounts subject to certain maximum and minimum amounts as described by the respective Plan documents and the IRC. Notes receivable (participant loans), for which only two notes receivable per participant can be outstanding at a given time, are collateralized by the participant’s account balance and bear interest at a market rate. No loans may be made from Company Contributions or Non-Elective Contributions.

Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plans to discontinue its contributions at any time and to terminate each of the Plans subject to the provisions of ERISA, except as otherwise agreed to pursuant to collective bargaining. In the event any of the Plans terminate, participants will become 100% vested within those respective terminated Plans.

NOTE 2 — SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Total (Memorandum Only)

The “Total (Memorandum Only)” columns in the accompanying Statements of Net Assets Available for Benefits and Statements of Changes in Net Assets Available for Benefits represent the total balances and activity for the Plans currently participating in the Master Trust.

Valuation of Investments and Income Recognition

Investments are reported at fair value. The common/collective trusts are reported at net asset value (NAV) as a practical expedient for fair value. See Note 4, "The DTE Energy Company Master Plan Trust," for additional information.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on an accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation (depreciation) includes the Master Trust's net gains and losses on investments bought and sold as well as held during the year.

Notes Receivable from Participants

Notes receivable from participants are valued at cost plus accrued interest. If a participant ceases to make loan repayments and the Plan Administrator deems the participant loan to be in default, the participant loan balance is reduced, and a benefit payment is recorded.

Payment of Benefits

Benefits are recorded when paid.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America (U.S. GAAP) requires management of the Plans to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of additions to and deductions from net assets available for benefits during the reporting period. Actual results could differ from those estimates.

Risks and Uncertainties

The Master Trust invests in various securities, including registered investment companies, DTE Energy common stock, other common stock, and common/collective trusts. Investment securities, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term, and such changes could materially affect participants' account balances and the amounts reported in the financial statements.

Fair Value

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date in a principal or most advantageous market. Fair value is a market-based measurement that is determined based on inputs, which refer broadly to assumptions that market participants use in pricing assets or liabilities. These inputs can be readily observable, market corroborated, or generally unobservable inputs. The Master Trust makes certain assumptions it believes that market participants would use in pricing assets or liabilities, including assumptions about risk and the risks inherent in the inputs to valuation techniques. The Master Trust believes it uses valuation techniques that maximize the use of observable market-based inputs and minimize the use of unobservable inputs.

A fair value hierarchy has been established that prioritizes the inputs to valuation techniques used to measure fair value in three broad levels. The fair value hierarchy gives the highest priority to quoted prices (unadjusted) in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). In some cases, the inputs used to measure fair value might fall in different levels of the fair value hierarchy. All assets and liabilities are required to be classified in their entirety based on the lowest level of input that is significant to the fair value measurement in its entirety. Assessing the significance of a particular input may require judgment considering factors specific to the asset or liability, and may affect the valuation of the asset or liability and its placement within the fair value hierarchy. The Master Trust classifies fair value balances based on the fair value hierarchy defined as follows:

- *Level 1* — Consists of unadjusted quoted prices in active markets for identical assets or liabilities that the Master Trust has the ability to access as of the reporting date.
- *Level 2* — Consists of inputs other than quoted prices included within Level 1 that are directly observable for the asset or liability or indirectly observable through corroboration with observable market data.
- *Level 3* — Consists of unobservable inputs for assets or liabilities whose fair value is estimated based on internally developed models or methodologies using inputs that are generally less readily observable and supported by little, if any, market activity at the measurement date. Unobservable inputs are developed based on the best available information and subject to cost-benefit constraints.

NOTE 3 — FEDERAL INCOME TAX STATUS

The SSOP and the Gas ISOP each obtained a determination letter dated April 2, 2015. The Local 17 Plan and the Local 223 Plan each obtained a determination letter dated April 3, 2015. Each of the determination letters from the Internal Revenue Service (IRS) stated that the respective Plans, as then designed, were in compliance with the applicable requirements of the IRC. The Plans are qualified under Sections 401(a) and 401(k) of the IRC, and therefore, the related Master Trust is exempt from taxation. Accordingly, no provision for income taxes has been included in the accompanying financial statements. The Plans are no longer subject to federal income tax examinations by the IRS for years prior to 2019.

NOTE 4 — THE DTE ENERGY COMPANY MASTER PLAN TRUST

The Company established the Master Trust pursuant to a trust agreement with Empower Trust Company, LLC, as Trustee, in order to permit the commingling of trust assets of the Plans for investment and administrative purposes. The assets in the Master Trust are held in various participant-directed investments. Each of the Plans' allocated portion of the investments is equal to the beginning of the year fair value of the Plans' interest in the Master Trust, adjusted by the Plans' pro-rata share of the Master Trust expenses, plus actual contributions and investment income, less actual distributions, administrative expenses, and investments losses (if any). Investment income or loss is based on each participant's elected investment options, and administrative expenses are allocated to the individual plans based upon their pro-rata share in the investments of the Master Trust.

At December 31, 2022 and 2021 each of the Plans' respective interests in the net assets of the Master Trust were as follows:

	2022				
	Plan's Interest in Master Trust Balances				
	SSOP	Local 223 Plan	Local 17 Plan	Gas ISOP	Master Trust Balances
	(In thousands)				
Investments, at fair value:					
Registered investment companies and other equities	$ 301,824	$ 95,627	$ 18,706	$ 10,690	$ 426,847
DTE Energy common stock	309,712	200,783	31,561	17,985	560,041
Common/collective trusts	1,319,681	467,181	113,596	48,525	1,948,983
Assets held in Master Trust	**$ 1,931,217**	**$ 763,591**	**$ 163,863**	**$ 77,200**	**$ 2,935,871**

	2021				
	Plan's Interest in Master Trust Balances				
	SSOP	Local 223 Plan	Local 17 Plan	Gas ISOP	Master Trust Balances
	(In thousands)				
Investments, at fair value:					
Registered investment companies	$ 359,554	$ 121,649	$ 22,457	$ 11,730	$ 515,390
DTE Energy common stock	311,643	207,975	31,830	18,055	569,503
Other common stock[a]	54,995	36,754	5,717	3,224	100,690
Common/collective trusts	1,596,218	567,107	133,612	58,910	2,355,847
Assets held in Master Trust	$ 2,322,410	$ 933,485	$ 193,616	$ 91,919	$ 3,541,430

(a) Reflects a one-time dividend of DT Midstream, Inc. (DTM) common stock into the Plans in 2021. The dividend resulted from the spin off of DTM, a former subsidiary of DTE Enterprises Inc. The DTM Stock Fund was eliminated as an investment option under the Plans as of June 30, 2022.

The following is a summary of investment income (loss) in the Master Trust for the year ended December 31, 2022:

	2022
	(In thousands)
Net depreciation	$ (512,290)
Dividends and interest	27,632
Total investment loss	**$ (484,658)**

The following tables present investments of the Master Trust measured and recorded at fair value on a recurring basis as of December 31, 2022 and 2021:

	2022		
	Level 1	Other[a]	Total
		(In thousands)	
Registered investment companies and other equities	$ 426,847	$ —	$ 426,847
DTE Energy common stock	560,041	—	560,041
Common/collective trusts	—	1,948,983	1,948,983
Total Investments at fair value	**$ 986,888**	**$ 1,948,983**	**$ 2,935,871**

(a) Amounts represent assets valued at NAV as a practical expedient for fair value.

	2021		
	Level 1	Other[b]	Total
		(In thousands)	
Registered investment companies	$ 515,390	$ —	$ 515,390
DTE Energy common stock	569,503	—	569,503
Other common stock[a]	100,690		100,690
Common/collective trusts	—	2,355,847	2,355,847
Total Investments at fair value	$ 1,185,583	$ 2,355,847	$ 3,541,430

(a) Reflects a one-time dividend of DT Midstream, Inc. (DTM) common stock into the Plans in 2021. The dividend resulted from the spin off of DTM, a former subsidiary of DTE Enterprises Inc. The DTM Stock Fund was eliminated as an investment option under the Plans as of June 30, 2022.
(b) Amounts represent assets valued at NAV as a practical expedient for fair value.

The Master Trust had no Level 2 or Level 3 assets at December 31, 2022 and 2021.

Registered Investment Companies (mutual funds) and other equities

Valued at the NAV of shares held by the plans at year end, as quoted in the active market, and are classified within Level 1 of the valuation hierarchy.

DTE Energy Common Stock and Other Common Stock

Valued at the closing price reported on the New York Stock Exchange and are classified within Level 1 of the valuation hierarchy.

Common/Collective Trusts

Represents interests in pooled investment vehicles designed primarily for collective investment of employee benefit trusts. The fair value of the investments in this category has been estimated using the NAV per unit as a practical expedient provided by the fund managers. There were no unfunded commitments at December 31, 2022 and 2021. There were no redemption restrictions or redemption notice periods at December 31, 2022 and 2021, and the assets can be redeemed from the Plans at any time.

NOTE 5 — RELATED PARTY AND PARTY-IN-INTEREST TRANSACTIONS

The Master Trust holds shares of DTE Energy common stock; therefore, related transactions qualify as party-in-interest transactions.

At December 31, 2022 and 2021, the Master Trust held 4,765,092 and 4,764,114 shares, respectively of DTE Energy common stock with a fair value of $560,041 and $569,503 (in thousands), respectively. For the year ended December 31, 2022, the Master Trust received dividends on DTE Energy common stock of $16,714 (in thousands). For the year ended December 31, 2022, 1,204,386 shares of DTE Energy common stock were purchased for $148,022 (in thousands) and 1,203,408 shares were sold for $149,511 (in thousands).

Supplementary Information

DTE Energy Company Savings and Stock Ownership Plan
Federal Employer Identification Number: 20-5898509; Plan Number: 002

SCHEDULE OF ASSETS (HELD AT END OF YEAR)
AS OF DECEMBER 31, 2022
Form 5500, Schedule H, Part IV, Line 4i

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current Value
*	Participant notes receivable	Participant notes receivable with interest rates ranging from 4.25% to 9.25%	$ —	$ 24,633,685

* Party-in-interest

Supplementary Information

DTE Electric Company Savings & Stock Ownership Plan for Employees Represented by Local 223 of the Utility Workers Union of America

Federal Employer Identification Number: 20-5898509; Plan Number: 003

SCHEDULE OF ASSETS (HELD AT END OF YEAR)
AS OF DECEMBER 31, 2022

Form 5500, Schedule H, Part IV, Line 4i

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current Value
*	Participant notes receivable	Participant notes receivable with interest rates ranging from 4.25% to 8.00%	$ —	$ 19,804,406

* Party-in-interest

Supplementary Information

DTE Electric Company Savings & Stock Ownership Plan for Employees Represented by Local 17 of the International Brotherhood of Electrical Workers

Federal Employer Identification Number: 20-5898509; Plan Number: 004

SCHEDULE OF ASSETS (HELD AT END OF YEAR)
AS OF DECEMBER 31, 2022

Form 5500, Schedule H, Part IV, Line 4i

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current Value
*	Participant notes receivable	Participant notes receivable with interest rates ranging from 4.25% to 7.25%	$ —	$ 3,183,632

* Party-in-interest

Supplementary Information

DTE Gas Company Investment and Stock Ownership Plan
Federal Employer Identification Number: 20-5898509; Plan Number: 006

SCHEDULE OF ASSETS (HELD AT END OF YEAR)
AS OF DECEMBER 31, 2022
Form 5500, Schedule H, Part IV, Line 4i

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current Value
*	Participant notes receivable	Participant notes receivable with interest rates ranging from 4.25% to 8.00%	$ —	$ 1,774,556

* Party-in-interest

Signature

Pursuant to the requirements of the Securities Exchange Act of 1934, the Trustee (or other persons who administer the employee benefit plan) has duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

DTE ENERGY COMPANY
SAVINGS AND STOCK OWNERSHIP PLAN

June 20, 2023

/s/ DIANE M. ANTISHIN

Diane M. Antishin

Vice President Human Resources, Chief Diversity & Inclusion Officer, and
Chair of Benefit Plan Administration Committee

Signature

Pursuant to the requirements of the Securities Exchange Act of 1934, the Trustee (or other persons who administer the employee benefit plan) has duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

DTE ELECTRIC COMPANY SAVINGS & STOCK OWNERSHIP PLAN FOR EMPLOYEES REPRESENTED BY LOCAL 223 OF THE UTILITY WORKERS UNION OF AMERICA

June 20, 2023

/s/ DIANE M. ANTISHIN

Diane M. Antishin

Vice President Human Resources, Chief Diversity & Inclusion Officer, and Chair of Benefit Plan Administration Committee

Signature

Pursuant to the requirements of the Securities Exchange Act of 1934, the Trustee (or other persons who administer the employee benefit plan) has duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

DTE ELECTRIC COMPANY SAVINGS & STOCK OWNERSHIP PLAN FOR EMPLOYEES REPRESENTED BY LOCAL 17 OF THE INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS

June 20, 2023

/s/ DIANE M. ANTISHIN

Diane M. Antishin

Vice President Human Resources, Chief Diversity & Inclusion Officer, and Chair of Benefit Plan Administration Committee

Signature

Pursuant to the requirements of the Securities Exchange Act of 1934, the Trustee (or other persons who administer the employee benefit plan) has duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

DTE GAS COMPANY INVESTMENT AND STOCK OWNERSHIP PLAN

June 20, 2023

/s/ DIANE M. ANTISHIN

Diane M. Antishin

Vice President Human Resources, Chief Diversity & Inclusion Officer, and
Chair of Benefit Plan Administration Committee

Supplementary Information

DTE Energy Company Savings and Stock Ownership Plan
Federal Employer Identification Number: 20-5898509; Plan Number: 002

SCHEDULE OF ASSETS (HELD AT END OF YEAR)
AS OF DECEMBER 31, 2022
Form 5500, Schedule H, Part IV, Line 4i

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current Value
*	Participant notes receivable	Participant notes receivable with interest rates ranging from 4.25% to 9.25%	$ —	$ 24,633,685

* Party-in-interest