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. . . . . ▶ [ ]

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
VALERO ENERGY CORPORATION THRIFT PLAN

1b Three-digit plan number (PN) ▶ 002

1c Effective date of plan 01/01/1963

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)
VALERO ENERGY CORPORATION

P.O. BOX 696000
MS E1T
SAN ANTONIO, TX 78269-6000

2b Employer Identification Number (EIN) 74-1828067

2c Plan Sponsor's telephone number 210-345-2000

2d Business code (see instructions) 324110

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.	07/14/2023	CRISTINA JENNINGS
	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 [X] Same as Plan Sponsor	**3b**	Administrator's EIN
		3c	Administrator's telephone number
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:	**4b**	EIN
a	Sponsor's name	**4d**	PN
c	Plan Name		
5	Total number of participants at the beginning of the plan year	**5**	10196
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)**	7979
a(2)	Total number of active participants at the end of the plan year	**6a(2)**	7914
b	Retired or separated participants receiving benefits	**6b**	401
c	Other retired or separated participants entitled to future benefits	**6c**	1773
d	Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	10088
e	Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	95
f	Total. Add lines **6d** and **6e**.	**6f**	10183
g	Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	9701
h	Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	108
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 2G 2J 2K 2O 2R 2S 2T 3F 3H

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)	[X]	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)	[X]	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)	[X]	**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)	[X]		**H** (Financial Information)
(2)	[ ]		**I** (Financial Information – Small Plan)
(3)	[ ]	0	**A** (Insurance Information)
(4)	[X]		**C** (Service Provider Information)
(5)	[X]		**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
VALERO ENERGY CORPORATION THRIFT PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
VALERO ENERGY CORPORATION

D Employer Identification Number (EIN)
74-1828067

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).. . . . . [X] 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

AMUNDI ASSET MANAGEMENT US INC.

13-1961193

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

BLACKROCK INST TRUST CO., N.A.

94-3112180

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

CAPITAL RESEARCH AND MANAGEMENT CO

95-1411037

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

EMERALD MUTUAL FUND ADVISERS TRUST

1290 BROADWAY
SUITE 1100
DENVER, CO 80203

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

GLOBAL TRUST COMPANY

26-3761443

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

INVESCO ADVISORS

1555 PREACHTREE STREET, N.E.
ATLANTA, GA 30309

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

MERRILL LYNCH PIERCE FENNER SMITH

13-5674085

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

PUTNAM FIDUCIARY TRUST CO. LLC

04-3159710

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

STATE STREET GLOBAL ADVISORS

04-1867445

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

THE VANGUARD GROUP, INC

23-1945930

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

FEDERATED INVESTORS INC.

1001 LIBERTY AVENUE
PITTSBURGH, PA 15222

(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)

(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?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

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

(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?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

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

(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?
			Yes ☐ No ☐	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
VALERO ENERGY CORPORATION THRIFT PLAN

B Three-digit plan number (PN) ▶ 002

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
VALERO ENERGY CORPORATION

D Employer Identification Number (EIN)
74-1828067

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: VICTORY SMALL CAP VAL COLLECTIVE FD

b Name of sponsor of entity listed in (a): GLOBAL TRUST 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)
90-6240599-008	C	45297016

a Name of MTIA, CCT, PSA, or 103-12 IE: FEDERATED HERMES CAP PRESERVTION FD

b Name of sponsor of entity listed in (a): FEDERATED INVESTORS TRUST CO.

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)
22-2712853-001	C	0

a Name of MTIA, CCT, PSA, or 103-12 IE: LIFEPATH INDEX 2025 FUND N

b Name of sponsor of entity listed in (a): BLACKROCK INSTITUTIONAL TRUST CO.

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)
45-4340963-001	C	36634042

a Name of MTIA, CCT, PSA, or 103-12 IE: LIFEPATH INDEX 2030 FUND N

b Name of sponsor of entity listed in (a): BLACKROCK INSTITUTIONAL TRUST CO.

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)
45-4341026-001	C	48605435

a Name of MTIA, CCT, PSA, or 103-12 IE: LIFEPATH INDEX 2035 FUND N

b Name of sponsor of entity listed in (a): BLACKROCK INSTITUTIONAL TRUST CO.

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)
45-4382843-001	C	59775005

a Name of MTIA, CCT, PSA, or 103-12 IE: LIFEPATH INDEX 2040 FUND N

b Name of sponsor of entity listed in (a): BLACKROCK INSTITUTIONAL TRUST CO.

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)
45-4395872-001	C	56577250

a Name of MTIA, CCT, PSA, or 103-12 IE: LIFEPATH INDEX 2045 FUND N

b Name of sponsor of entity listed in (a): BLACKROCK INSTITUTIONAL TRUST CO.

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)
45-4395954-001	C	48905757

a Name of MTIA, CCT, PSA, or 103-12 IE: LIFEPATH INDEX 2050 FUND N

b Name of sponsor of entity listed in (a): BLACKROCK INSTITUTIONAL TRUST CO.

c EIN-PN 45-4396038-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 42807553

a Name of MTIA, CCT, PSA, or 103-12 IE: LIFEPATH INDEX 2055 FUND N

b Name of sponsor of entity listed in (a): BLACKROCK INSTITUTIONAL TRUST CO.

c EIN-PN 45-4407507-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 32832286

a Name of MTIA, CCT, PSA, or 103-12 IE: LIFEPATH INDEX 2060 FUND N

b Name of sponsor of entity listed in (a): BLACKROCK INSTITUTIONAL TRUST CO.

c EIN-PN 47-2041130-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 21439855

a Name of MTIA, CCT, PSA, or 103-12 IE: LIFEPATH INDEX 2065 FUND N

b Name of sponsor of entity listed in (a): BLACKROCK INSTITUTIONAL TRUST CO.

c EIN-PN 84-1845096-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3470552

a Name of MTIA, CCT, PSA, or 103-12 IE: LIFEPATH INDEX RETIREMENT FUND N

b Name of sponsor of entity listed in (a): BLACKROCK INSTITUTIONAL TRUST CO.

c EIN-PN 45-4340713-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 18031117

a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA S & P 500 INDEX FUND

b Name of sponsor of entity listed in (a): STATE STREET BANK AND TRUST COMPANY

c EIN-PN 90-0337987-306	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 198487382

a Name of MTIA, CCT, PSA, or 103-12 IE: PUTNAM STABLE VALUE FUND

b Name of sponsor of entity listed in (a): PUTNAM FIDUCIARY TRUST COMPANY

c EIN-PN 04-3159710-202	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 143944827

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

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

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
VALERO ENERGY CORPORATION THRIFT PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
VALERO ENERGY CORPORATION

D Employer Identification Number (EIN)
74-1828067

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	433	18448
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	1085105	1424797
(2) Participant contributions	1b(2)		
(3) Other	1b(3)	512840	129206
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	63683003	92872126
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	44716852	44395621
(9) Value of interest in common/collective trusts	1c(9)	857743291	756808077
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	1066702375	808000532
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)	685455870	548058005

		(a) Beginning of Year	(b) End of Year
1d Employer-related investments:			
(1) Employer securities	1d(1)	329619199	441576427
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	3049518968	2693283239
Liabilities			
g Benefit claims payable	1g	1662969	1025431
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through1j)	1k	1662969	1025431
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	3047855999	2692257808

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)	67732855	
(B) Participants	2a(1)(B)	121219891	
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		188952746
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	491076	
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	2050015	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		2541091
(2) Dividends: **(A)** Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	15022142	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	42357061	
(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		57379203
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)	164516784	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	114223305	
(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		50293479
(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	164008435	
(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		164008435

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-117764160
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-247293767
c Other income	2c		-159060559
d Total income. Add all **income** amounts in column (b) and enter total	2d		-60943532
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	294654659	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		294654659
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		0
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		294654659
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		-355598191
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

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: KPMG LLP **(2)** EIN: 13-5565207

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		1000000
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)

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
VALERO ENERGY CORPORATION THRIFT PLAN

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500
VALERO ENERGY CORPORATION

D Employer Identification Number (EIN)
74-1828067

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): 94-1687665

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_____

VALERO ENERGY CORPORATION THRIFT PLAN

Financial Statements and Supplemental Schedule

December 31, 2022 and 2021

(With Independent Auditors' Report Thereon)

VALERO ENERGY CORPORATION THRIFT PLAN

Table of Contents

	Page
Independent Auditors' Report	1
Statements of Net Assets Available for Benefits as of December 31, 2022 and 2021	4
Statements of Changes in Net Assets Available for Benefits for the Years Ended December 31, 2022 and 2021	5
Notes to Financial Statements	6
Schedule H, Line 4i–Schedule of Assets (Held at End of Year) as of December 31, 2022	16

All other supplemental schedules required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 are omitted because they are not applicable or not required.

KPMG LLP
Suite 1900
111 Congress Avenue
Austin, TX 78701-4091

Independent Auditors' Report

The Plan Administrator and Plan Participants
Valero Energy Corporation Thrift Plan:

Opinion

We have audited the financial statements of the Valero Energy Corporation Thrift Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (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 years then ended, and 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 Plan as of December 31, 2022 and 2021, and the changes in its net assets available for benefits for the years then ended, in accordance with U.S. generally accepted accounting principles.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan 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

Management is responsible for the preparation and fair presentation of the financial statements in accordance with U.S. generally accepted accounting principles, 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 Plan's ability to continue as a going concern for one year after the date that the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's 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.

Auditors' Responsibilities for the Audit 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 auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not

KPMG LLP, a Delaware limited liability partnership and a member firm of the KPMG global organization of independent member firms affiliated with KPMG International Limited, a private English company limited by guarantee.

a guarantee that an audit conducted in accordance with 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 GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and 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.
- 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 Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern 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 audit, significant audit findings, and certain internal control related matters that we identified during the audit.

Supplemental Schedule Required by ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental Schedule H, Line 4i–Schedule of Assets (Held at End of Year) as of December 31, 2022 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's 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 GAAS.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

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

KPMG LLP

Austin, Texas
June 23, 2023

VALERO ENERGY CORPORATION THRIFT PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
(thousands of dollars)

	December 31,	
	2022	**2021**
Assets		
Investments at fair value	$ 2,647,315	$ 3,003,204
Receivables:		
Notes receivable from participants	45,163	45,585
Discretionary employer contributions	1,425	1,085
Due from brokers for securities sold	129	513
Total receivables	46,717	47,183
Cash	19	—
Total assets	2,694,051	3,050,387
Net assets available for benefits	$ 2,694,051	$ 3,050,387

See Notes to Financial Statements.

VALERO ENERGY CORPORATION THRIFT PLAN
STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
(thousands of dollars)

	Year Ended December 31,	
	2022	**2021**
Additions:		
Investment income (loss):		
Interest income	$ 540	$ 388
Dividend income	70,133	117,279
Net appreciation (depreciation) in fair value of investments	(322,619)	327,804
Total investment income (loss)	(251,946)	445,471
Interest income on notes receivable from participants	2,050	2,293
Contributions:		
Participant	121,220	114,701
Employer	67,733	65,355
Total contributions	188,953	180,056
Total additions (reductions)	(60,943)	627,820
Deductions:		
Benefit payments	(295,393)	(326,870)
Net increase (decrease) in net assets available for benefits	(356,336)	300,950
Net assets available for benefits:		
Beginning of year	3,050,387	2,749,437
End of year	$ 2,694,051	$ 3,050,387

See Notes to Financial Statements.

VALERO ENERGY CORPORATION THRIFT PLAN
NOTES TO FINANCIAL STATEMENTS

1. DESCRIPTION OF THE PLAN

General

The Valero Energy Corporation Thrift Plan (the Plan) is a qualified profit-sharing plan covering most of Valero Energy Corporation's employees in the United States (U.S.). (See "*Eligibility and Participation*" below for a description of employees eligible for participation in the Plan.) The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA). As used in this report, the term "Valero" may refer, depending upon the context, to Valero Energy Corporation, one or more of its consolidated subsidiaries, or all of them taken as a whole.

A portion of the Plan is designated as an employee stock ownership plan (ESOP), as defined in Section 4975(e)(7) of the Internal Revenue Code of 1986, as amended (the Code), and Department of Labor Regulation §2550.407d-6. The Plan is composed of an ESOP portion and a non-ESOP portion. The ESOP portion consists only of investments in Valero common stock. A dividend payout feature allows participants to elect to receive dividends from Valero common stock in cash as taxable distributions or to continue to have such dividends reinvested in the Plan. The designation as an ESOP has no other effect on benefits under the Plan.

The description of the Plan included in these notes to financial statements provides only general information. Participants should refer to the plan document for a complete description of the Plan's provisions.

Plan Administration

Valero, the plan sponsor, is a multinational manufacturer and marketer of petroleum-based and low-carbon liquid transportation fuels and petrochemical products. Valero owns 15 petroleum refineries located in the U.S., Canada, and the United Kingdom with a combined throughput capacity of approximately 3.2 million barrels per day. Valero is a joint venture member in Diamond Green Diesel Holdings LLC, which owns two renewable diesel plants located in the Gulf Coast region of the U.S. with a combined production capacity of approximately 1.2 billion gallons per year, and Valero owns 12 ethanol plants located in the Mid-Continent region of the U.S. with a combined production capacity of approximately 1.6 billion gallons per year. As of December 31, 2022, Valero employed approximately 10,000 people.

Valero's common stock trades on the New York Stock Exchange under the symbol "VLO."

The Valero Energy Corporation Benefit Plans Administrative Committee (Administrative Committee), consisting of persons selected by Valero, administers the Plan. The members of the Administrative Committee serve without compensation for services in that capacity. Bank of America, N.A. is the trustee under the Plan and has custody of the securities and investments of the Plan through a trust. Merrill Lynch, Pierce, Fenner & Smith Incorporated, an affiliate of Bank of America, is the record keeper for the Plan.

Eligibility and Participation

Valero's U.S. employees are immediately eligible to participate in the Plan, except for certain employees at Valero's Port Arthur and Memphis Refineries who are only eligible to participate in the Premcor

Retirement Savings Plan, another plan sponsored by Valero. Participation in the Plan is voluntary; however, eligible employees are automatically enrolled in the Plan as further described under *"Contributions."*

Contributions

Participants may make contributions of not less than 1 percent or more than 50 percent of their annual total salary, as defined in the plan document, immediately upon commencement of participation, subject to certain limitations under the Code.

Participants elect to make pre-tax, after-tax and/or designated Roth 401(k) contributions to the Plan. Any employee may make eligible rollover contributions and eligible Roth 401(k) rollover contributions to the Plan. Participants may recharacterize amounts from their vested account to an in-plan Roth rollover account. Former employees who retain an account balance under the Plan and who have received or who are eligible to receive a distribution from a defined benefit pension plan sponsored by Valero are also eligible to make a rollover contribution to the Plan. For the years ended December 31, 2022 and 2021, rollover contributions totaled $11.1 million and $7.3 million, respectively, and are included in participant contributions.

Each eligible employee hired or rehired on or after January 1, 2017 through December 31, 2022 was automatically enrolled in the Plan at a pre-tax contribution rate of 3 percent of their annual total salary, unless the eligible employee elected not to participate in the Plan. The automatically enrolled participant's contribution rate will increase by 1 percent per year until a maximum contribution rate of 7 percent is reached, unless the participant elects to opt out of the automatic increases or voluntarily changes his or her contribution rate. Each eligible employee hired or rehired on or after January 1, 2023 is automatically enrolled in the Plan at a pre-tax contribution rate of 7 percent of their annual total salary, unless the eligible employee elects not to participate in the Plan. The automatically enrolled participant's contribution rate will increase by 1 percent per year until a maximum contribution rate of 10 percent is reached, unless the participant elects to opt out of the automatic increases or voluntarily changes his or her contribution rate.

The Code establishes an annual limitation on the amount of individual pre-tax and/or Roth 401(k) salary deferral contributions. For the years ended December 31, 2022 and 2021, this limit was $20,500 and $19,500, respectively. Participants who attained age 50 before the end of the year were eligible to make catch-up contributions of up to $6,500 for each of the years ended December 31, 2022 and 2021. All or any portion of an eligible participant's catch-up contribution can be designated as a Roth 401(k) catch-up contribution.

Valero makes an employer contribution equal to $1.00 for every $1.00 of a participant's contributions up to 7 percent of annual total salary. All employer contributions are made in cash and are invested according to the investment options elected for the participant contributions.

Valero, at the discretion of the Valero Energy Corporation Board of Directors or such other party as designated by such Board, may make discretionary employer contributions (referred to as profit-sharing contributions prior to April 15, 2021) to the accounts of all eligible ethanol plant employees (renewables organization employees). Such contributions are allocated based on eligible compensation. For the plan

years ended December 31, 2022 and 2021, the Administrative Committee approved discretionary employer contributions totaling $1.8 million and $1.7 million, respectively. Of these amounts, Valero funded $1.4 million and $1.1 million, respectively, with the remaining portion being funded from forfeited nonvested accounts. Discretionary employer contributions receivable as of December 31, 2022 and 2021 were received by the Plan in March 2023 and 2022, respectively.

Participant Accounts

Individual accounts are maintained for each participant. Each participant's account is adjusted to reflect participant contributions, employer contributions, withdrawals, income, expenses, gains, and losses attributable to the participant's account.

Vesting

Participants are vested 100 percent in their individual participant contribution accounts at all times. Participants who are active employees and are not renewables organization employees are 100 percent vested in their employer matching contribution accounts at all times. Renewables organization employees vest in their employer matching contribution accounts at the rate of 20 percent per year and are 100 percent vested after five years of continuous service. Eligible renewables organization employees vest 100 percent in any discretionary employer contributions after completion of three years of service.

Continuous service begins the first day for which an employee is paid and terminates on the date of the employee's retirement, death, or other termination from service. If an employee's employment is terminated and the employee is subsequently reemployed within 12 months, the period between the severance from service and the date of reemployment is generally included in continuous service for vesting purposes. If the employee is not reemployed within one year after a severance from service date, the employee is deemed to have incurred a break in service.

Forfeitures

The Plan provides that if a participant incurs a break in service prior to becoming vested in any part of his or her employer account, the participant's prior continuous service will not be disregarded for purposes of the Plan until the break in service equals or exceeds five successive years. Upon a participant's termination of employment for other than death, total and permanent disability, or retirement on or after age 65, the nonvested portion of the participant's employer account is forfeited upon distribution. In the event the participant is reemployed prior to incurring a break in service of five successive years, any amounts forfeited under this provision may be reinstated.

Employer contributions for the years ended December 31, 2022 and 2021 were reduced by $605,000 and $270,000, respectively, from forfeited nonvested accounts. As of December 31, 2022 and 2021, forfeited nonvested accounts available to reduce future employer contributions or plan administrative expenses were $398,000 and $634,000, respectively.

VALERO ENERGY CORPORATION THRIFT PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)

Investment Options
Participants direct the investment of 100 percent of their participant and employer contributions and may transfer existing account balances into any of the investment options offered, subject to certain restrictions. These investment options include Valero common stock, common/collective trusts, mutual funds, an interest-bearing cash account, and other self-directed investments.

Participants may not designate more than 20 percent of their contributions to be invested in Valero common stock. Transfers into Valero common stock will not be permitted to the extent a transfer would result in more than 50 percent of the aggregate value of the participant's account being invested in Valero common stock.

Withdrawals
A participant who is a current Valero employee may make the following types of withdrawals of all or part of the participant's respective accounts:

- one withdrawal during any six-month period from the participant's after-tax account and rollover contribution account with no suspension of future contributions;

- one withdrawal from the participant's employer or discretionary employer account (referred to as profit-sharing account prior to April 15, 2021) upon completion of five years or three years of continuous service, respectively, with a similar withdrawal allowed 36 months after the date of a previous withdrawal under this provision, with no suspension of future contributions;

- upon reaching age 59½, one withdrawal during any six-month period from the participant's account and employer account; or

- upon furnishing proof of financial necessity, one withdrawal during any six-month period from the participant's account and the vested portion of the employer account.

Distributions
Upon a participant's death, total and permanent disability, or retirement on or after age 65, the participant or the beneficiary of a deceased participant is entitled to a distribution of the entire value of the participant's account and employer account regardless of whether or not the accounts are fully vested. Upon a participant's termination for any other reason, the participant is entitled to a distribution of only the value of the participant's account and the vested portion of the participant's employer account.

Distributions resulting from any of the above occurrences may be made in a single sum distribution in (i) whole shares of Valero common stock and cash for fractional shares and the participant's interest in all other investments or (ii) entirely in cash. In lieu of the single sum distribution, a participant or beneficiary whose account balance exceeds $5,000 may elect to receive the value of the account in the form of (i) installments, (ii) partial distributions, or (iii) any combination of these forms, subject to certain restrictions.

The distribution of a vested account balance greater than $5,000 shall not be made without the participant's consent. If the value of a vested account balance is equal to or less than $5,000 but greater than $1,000, the account balance may be distributed to the participant in a cash lump sum distribution

without the participant's consent. If the participant does not elect to either (i) have such distribution transferred directly to an eligible retirement plan in a direct rollover or (ii) receive such distribution directly, the Administrative Committee will make a cash direct rollover of the lump sum distribution to an individual retirement account in the terminated participant's name. A vested account balance equal to or less than $1,000 may be distributed to the participant in a cash lump sum without the participant's consent.

Terminated participants may elect to have the Plan trustee hold their accounts for distribution to them at a date not later than April 1 of the calendar year after which they attain age 72. In this event, terminated participants continue to share in the income, expenses, gains, and losses of the Plan until their accounts are distributed.

The Plan allows participants who are called to active duty military service and who are on military leave for a period of 179 days or more to make withdrawals of all or any portion of their account.

Notes Receivable from Participants
Participants may borrow a minimum of $500. The participant must be an employee to obtain a loan. The maximum loan amount a participant may have outstanding is restricted to the lesser of:

(a) $50,000, reduced by the excess of (i) the highest outstanding balance of the participant's loans during a one-year period over (ii) the outstanding balance of all loans to the participant on the day any new loan is made, or

(b) one-half of the current value of the participant's vested interest in his or her Plan accounts.

The term of any loan may not exceed five years unless the loan is for the purchase of a participant's principal residence, in which case the term of the loan shall not exceed 15 years. The balance of the participant's account and vested portion of his or her employer account serve as security for the loan. Loans bear interest at a reasonable rate as established by the Administrative Committee, presently at prime plus 1 percent. Loan repayments of principal and interest are made through payroll deductions or as otherwise determined. Participants may have two loans outstanding under the Plan at any time.

Plan Expenses
Plan administrative expenses, including trustee fees and administrative fees, may be paid by the Plan unless paid by Valero. Valero also provides certain other services at no cost to the Plan. Investment related expenses are included in net appreciation (depreciation) in fair value of investments. Individual participant transaction fees, such as overnight delivery fees and redemption fees, are deducted from the respective participant's account and are included in benefit payments.

SECURE 2.0 Act of 2022

On December 29, 2022, the SECURE 2.0 Act of 2022 (SECURE 2.0 Act) was enacted to help improve retirement savings. The SECURE 2.0 Act made wide-ranging changes, both mandatory and elective, to qualified plans and its provisions have various effective dates. Significant provisions include the following:

- increase the required minimum distribution (RMD) age from 72 to 73, effective January 1, 2023, and to age 75, effective January 1, 2033;
- reduce the excise tax for failure to take RMDs from 50 percent to 25 percent of the RMD amount that was not taken, beginning January 1, 2023; and
- require all catch-up contributions for participants with compensation of more than $145,000 (indexed for inflation) to be designated as Roth 401(k) contributions beginning after December 31, 2023.

The Plan will incorporate changes in its Plan document and administration to the extent required by the SECURE 2.0 Act.

2. BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation

General

The financial statements of the Plan are prepared on the accrual basis of accounting in conformity with U.S. generally accepted accounting principles (GAAP).

Subsequent Events

Management has evaluated events that occurred after December 31, 2022 through the date these financial statements were available to be issued on June 23, 2023. Any material subsequent events that occurred during this time have been properly recognized or disclosed in these financial statements.

Significant Accounting Policies

Use of Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts of assets and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

Valuation of Investments

The Plan's investments are stated at fair value as described in Note 3.

Income Recognition

Purchases and sales of investments are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

Net appreciation (depreciation) in fair value of investments consists of net realized gains and losses on the sale of investments and net unrealized appreciation (depreciation) of investments.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are expensed when they are incurred and are reflected in benefit payments. No allowance for credit losses has been recorded as of December 31, 2022 or 2021. A loan that has been defaulted upon and not cured within a reasonable period of time may be deemed a distribution from the Plan. The loan balance is reduced and benefit payments are increased after the participant makes final withdrawal from the Plan.

Payment of Benefits

Benefits are recorded when paid.

Risks and Uncertainties

In general, the Plan's investments are exposed to various risks, such as interest rate, market, and credit risks. These risks may be impacted by certain external financial, business, and other factors, such as the effects of economic downturns, natural disasters, pandemics, war, or hostilities. Due to the level of risk associated with certain investments, it is reasonably possible that changes in the values of investments may occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statement of net assets available for benefits. The impact of those risks and factors remains uncertain and depends on future events and developments.

3. FAIR VALUE MEASUREMENTS

A fair value hierarchy (Level 1, Level 2, or Level 3) is used to categorize fair value amounts based on the quality of inputs used to measure fair value. Accordingly, fair values determined by Level 1 inputs utilize unadjusted quoted prices in active markets for identical assets or liabilities. Fair values determined by Level 2 inputs are based on quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets that are not active, and inputs other than quoted prices that are observable for the asset or liability. Level 3 inputs are unobservable inputs for the asset or liability for which there is little, if any, market activity at the measurement date. The Plan uses appropriate valuation techniques based on the available inputs to measure the fair values of its applicable assets and liabilities. When available, the Plan measures fair value using Level 1 inputs because they generally provide the most reliable evidence of fair value.

The valuation methods used to measure the Plan's financial instruments at fair value are as follows:

- Common stock, mutual funds, and self-directed investments are measured at fair value using a market approach based on quoted prices from national securities exchanges and are categorized in Level 1 of the fair value hierarchy.

- The cost of interest-bearing cash approximates its fair value and is therefore categorized in Level 1 of the fair value hierarchy.

- All common/collective trusts, including those that primarily hold investments in fully benefit-responsive contracts, are valued at the net asset value of units of the common/collective trusts as determined by the issuer of the trust based on the fair values of the underlying net assets divided by the number of units outstanding. The net asset value per unit is a quoted price in a market that is not active; therefore, these investments are classified within Level 2 of the fair value hierarchy.

The following table presents the Plan's investments at fair value (in thousands) as of December 31, 2022 and 2021 by level of the fair value hierarchy. No investments were categorized in Level 3 of the hierarchy as of December 31, 2022 and 2021.

	2022			2021		
	Level 1	Level 2	Total	Level 1	Level 2	Total
Valero common stock	$ 441,576	$ —	$ 441,576	$ 329,619	$ —	$ 329,619
Common/collective trusts	—	756,808	756,808	—	857,743	857,743
Mutual funds	808,001	—	808,001	1,066,703	—	1,066,703
Interest-bearing cash	92,872	—	92,872	63,683	—	63,683
Self-directed investments	548,058	—	548,058	685,456	—	685,456
Investments at fair value	$1,890,507	$ 756,808	$2,647,315	$2,145,461	$ 857,743	$3,003,204

The Plan's investment in shares of Valero common stock represents 16.7 percent and 11.0 percent of total investments at fair value as of December 31, 2022 and 2021, respectively. For the years ended December 31, 2022 and 2021, dividend income included $15.0 million and $17.7 million, respectively, of dividends paid on Valero common stock. The closing price for Valero common stock was $126.86 and $75.11 on December 31, 2022 and 2021, respectively.

4. RELATED-PARTY AND PARTY-IN-INTEREST TRANSACTIONS

Administrative expenses incurred with the Plan's trustee were not material for the years ended December 31, 2022 and 2021. Fees paid by the Plan for investment management services were included as a reduction of the return earned on each fund. In addition, the Plan allows for loans to participants and investment in Valero's common stock. Valero, the sponsor of the Plan, provides accounting and administrative services at no cost to the Plan. These transactions are party-in-interest transactions under ERISA and are covered by an exemption from the "prohibited transactions" provisions of ERISA and the Code.

5. PLAN TERMINATION

Although it has not expressed any intent to do so, Valero has the right under the Plan to terminate the Plan at any time subject to the provisions of ERISA. In the event of any termination of the Plan or complete discontinuance of employer contributions, participants would become 100 percent vested in their employer accounts. If the Plan were terminated, the Administrative Committee would direct the trustee to distribute the remaining assets, after payment of all Plan expenses, to participants and beneficiaries in proportion to their respective balances.

VALERO ENERGY CORPORATION THRIFT PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)

6. TAX STATUS

The Internal Revenue Service has determined and informed the plan sponsor by a letter dated April 29, 2014, that the Plan is designed in accordance with applicable sections of the Code. Although the Plan has been amended since receiving the determination letter, the plan sponsor believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the Code, and therefore believes that the Plan is qualified and the related trust is tax-exempt.

The Plan is subject to routine audits by taxing jurisdictions. There are currently no audits in progress for any plan years.

7. RECONCILIATION OF FINANCIAL STATEMENTS TO FORM 5500

The following is a reconciliation of notes receivable from participants, benefit claims payable, and net assets available for benefits per the financial statements to the Plan's Form 5500 Annual Return/Report of Employee Benefit Plan (Form 5500) (in thousands):

	Notes Receivable from Participants	Benefit Claims Payable	Net Assets Available for Benefits
December 31, 2022			
Per the financial statements	$ 45,163	$ —	$ 2,694,051
Deemed distributions of participant loans	(767)	—	(767)
Amounts allocated to withdrawing participants	—	(1,025)	(1,025)
Per the Form 5500	$ 44,396	$ (1,025)	$ 2,692,259
December 31, 2021			
Per the financial statements	$ 45,585	$ —	$ 3,050,387
Deemed distributions of participant loans	(868)	—	(868)
Amounts allocated to withdrawing participants	—	(1,663)	(1,663)
Per the Form 5500	$ 44,717	$ (1,663)	$ 3,047,856

The following is a reconciliation of investment income (loss) per the financial statements to the Form 5500 (in thousands):

	Year Ended December 31,	
	2022	2021
Investment income (loss) per the financial statements	$ (251,946)	$ 445,471
Interest income on notes receivable from participants per the financial statements	2,050	2,293
Investment income (loss) per the Form 5500	$ (249,896)	$ 447,764

VALERO ENERGY CORPORATION THRIFT PLAN
NOTES TO FINANCIAL STATEMENTS (Continued)

The following is a reconciliation of benefit payments per the financial statements to the Form 5500 (in thousands):

	Year Ended December 31,	
	2022	2021
Benefit payments per the financial statements	$ 295,393	$ 326,870
Amounts allocated to withdrawing participants:		
End of year	1,025	1,663
Beginning of year	(1,663)	(624)
Terminated deemed distributions of participant loans	(101)	—
Benefit payments per the Form 5500	$ 294,654	$ 327,909

VALERO ENERGY CORPORATION THRIFT PLAN
EIN: 74-1828067
Plan No. 002

Schedule H, Line 4i–Schedule of Assets (Held at End of Year)
As of December 31, 2022

	Identity of Issue/Description of Investment	Current Value
	Common stock:	
*	Valero Energy Corporation	$ 441,576,427
	Common/collective trusts:	
	BlackRock LifePath Index 2025 Fund	36,634,042
	BlackRock LifePath Index 2030 Fund	48,605,435
	BlackRock LifePath Index 2035 Fund	59,775,005
	BlackRock LifePath Index 2040 Fund	56,577,250
	BlackRock LifePath Index 2045 Fund	48,905,757
	BlackRock LifePath Index 2050 Fund	42,807,553
	BlackRock LifePath Index 2055 Fund	32,832,286
	BlackRock LifePath Index 2060 Fund	21,439,855
	BlackRock LifePath Index 2065 Fund	3,470,552
	BlackRock LifePath Index Retirement Fund	18,031,117
	Putnam Stable Value Fund	143,944,827
	State Street S&P 500 Index Fund	198,487,382
	Victory Small Cap Value Collective Fund	45,297,016
	Total common/collective trusts	756,808,077
	Mutual funds:	
	American Funds EuroPacific Growth Fund	134,608,345
	American Funds Growth Fund of America	153,671,098
	BlackRock Liquidity Funds FedFund Cash Reserve Shares	1,025,676
	Emerald Growth Institutional Fund	48,005,745
	Invesco Diversified Dividend Fund	84,645,190
	Pioneer Bond Fund	92,548,489
	Vanguard Mid-Cap Index Fund Institutional Shares	129,723,636
	Vanguard PRIMECAP Fund Admiral Shares	163,772,353
	Total mutual funds	808,000,532
	Interest-bearing cash:	
*	Retirement Bank Account	92,872,126
	Self-directed investments	548,058,005
*	Participant loans (interest rates range from 4.25% to 8.25%; maturity dates range from January 2023 to November 2037)	44,395,621
		$ 2,691,710,788

* Party-in-interest to the Plan.

See accompanying independent auditors' report.

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.)
- ☒ 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. . . . . ▶ ☐

D Check box if filing under:
- ☒ 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
Valero Energy Corporation Thrift Plan

1b Three-digit plan number (PN) ▶ 002

1c Effective date of plan 01/01/1963

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)

Valero Energy Corporation

P.O. Box 696000
MS E1T
San Antonio TX 78269-6000

2b Employer Identification Number (EIN) 74-1828067

2c Plan Sponsor's telephone number 210-345-2000

2d Business code (see instructions) 324110

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	Cristina Jennings	7/14/2023	Cristina Jennings
	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 [X] Same as Plan Sponsor	**3b** Administrator's EIN	
	3c Administrator's telephone number	
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**	10,196
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)**	7,979
a(2) Total number of active participants at the end of the plan year	**6a(2)**	7,914
b Retired or separated participants receiving benefits	**6b**	401
c Other retired or separated participants entitled to future benefits	**6c**	1,773
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	10,088
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits	**6e**	95
f Total. Add lines **6d** and **6e**	**6f**	10,183
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	9,701
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	108
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 2G 2J 2K 2O 2R 2S 2T 3F
3H

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)		**9b** Plan benefit arrangement (check all that apply)	
(1) [ ]	Insurance	(1) [ ]	Insurance
(2) [ ]	Code section 412(e)(3) insurance contracts	(2) [ ]	Code section 412(e)(3) insurance contracts
(3) [X]	Trust	(3) [X]	Trust
(4) [ ]	General assets of the sponsor	(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) [X] **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) [X] **H** (Financial Information)

(2) [ ] **I** (Financial Information – Small Plan)

(3) [ ] **A** (Insurance Information)

(4) [X] **C** (Service Provider Information)

(5) [X] **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_____

Plan Name	**Valero Energy Corporation Thrift Plan**
Plan Sponsor EIN	**74-1828067**
ERISA Plan No.	**002**
Plan Year End	**12/31/2022**

The required attachment noted below is included within the Accountant's Opinion attachment to the Form 5500 Schedule H, Part III, which consists of the entire Audit report issued by the Plan's Independent Qualified Public Accountant (IQPA).

Form/Schedule	Line Item	Description
5500 Schedule H	Line 4i	Schedule of Assets (Held at End of Year)