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

SCHEDULE 14A (Rule 14a-101) SCHEDULE 14A INFORMATION

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934

Filed by the Registrant \square Filed by a Party other than the Registrant O Check the appropriate box: o Preliminary Proxy Statement o Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2)) o Definitive Proxy Statement ☑ Definitive Additional Materials o Soliciting Material Pursuant to §240.14a-12 CVR Energy, Inc. (Name of Registrant as Specified In Its Charter) (Name of Person(s) Filing Proxy Statement, if other than the Registrant) Payment of Filing Fee (Check the appropriate box): ☑ No fee required. O Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11. (1) Title of each class of securities to which transaction applies: Aggregate number of securities to which transaction applies: (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined): (4) Proposed maximum aggregate value of transaction: (5) Total fee paid: O Fee paid previously with preliminary materials. o Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing. (1) Amount Previously Paid: Form, Schedule or Registration Statement No.:

(3)

(4)

Filing Party:

Date Filed:

*** Exercise Your Right to Vote *** Important Notice Regarding the Availability of Proxy Materials for the Stockholder Meeting to Be Held on June 3, 2020.

CVR ENERGY, INC.



CVR ENERGY, INC. 2277 PLAZA DRIVE SUITE 500 SUGAR LAND, TX 77479

Meeting Information

Meeting Type: Annual Meeting For holders as of: April 6, 2020

Date: June 3, 2020 Time: 10:00 a.m. Central Time

Location: Annual Meeting live via the Internet-please visit

www.virtualshareholdermeeting.com/CVI2020.

CVR Energy, Inc. will be hosting the Annual Meeting live via the Internet this year. To attend the Annual Meeting via the Internet please visit www.virtualshareholdermeeting.com/CVI2020 and be sure to have the information that is printed in the box marked by the arrow XXXX XXXX XXXX XXXX (located on the following page).

You are receiving this communication because you hold shares in $\ensuremath{\mathsf{CVR}}$ Energy, Inc.

This is not a ballot. You cannot use this notice to vote your shares. This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. You may view the proxy materials online at www.proxyvote.com or easily request a paper copy (see reverse side).

We encourage you to access and review all of the important information contained in the proxy materials before voting.

See the reverse side of this notice to obtain proxy materials and voting instructions.

— Before You Vote —

How to Access the Proxy Materials

Proxy Materials Available to VIEW or RECEIVE:

Our Proxy Statement, Notice of Annual Meeting and the CVR Energy, Inc. 2019 Annual Report

How to View Online:

How to Request and Receive a PAPER or E-MAIL Copy:

If you want to receive a paper or e-mail copy of these documents, you must request one. There is NO charge for requesting a copy. Please choose one of the following methods to make your request:

I) BY INTERNET: www.proxyvote.com

2) BY TELEPHONE: 1-800-579-1639

3) BY E-MAIL*: sendmaterial@proxyvote.com

Requests, instructions and other inquiries sent to this e-mail address will NOT be forwarded to your investment advisor. Please make the request as instructed above on or before May 20, 2020 to facilitate timely delivery.

— How To Vote —

Please Choose One of the Following Voting Methods

Vote By Internet:

Before The Meeting:

During The Meeting:

Go to www.virtualshareholdermeeting.com/CVI2020. Have the information that is printed in the box marked by the arrow → [XXXX XXXX XXXX XXXX] (located on the following page) available and follow the instructions.

Vote By Mail: You can vote by mail by requesting a paper copy of the materials, which will include a proxy card.

Voting Items

THE BOARD OF DIRECTORS UNANIMOUSLY RECOMMENDS A VOTE "FOR" THE ELECTION OF EACH OF THE ELECTION OF EACH OF THE ELECTION OF AND "FOR" PROPOSALS 2 AND 3.

 To elect eight directors for terms of one year each, to serve until their successors have been duly elected and qualified.

Nominees:

 01)
 Patricia A. Agnello
 05)
 Hunter C. Gary

 02)
 Sunghtwan Cho
 06)
 David L. Lamp

 03)
 Jaffrey (Jay) A. Firestone
 07)
 Stephen Mongillo

 04)
 Jonathan Frates
 08)
 James M. Strock

- 2. To approve, by a non-binding, advisory vote, our named executive officer compensation ("Say-on-Pay").
- 3. To ratify the appointment of Grant Thornton LLP as CVR Energy's independent registered public accounting firm for 2020.