

CVR Energy, Inc.

June 17, 2014

PROXY VOTING INSTRUCTIONS

TELEPHONE - Call toll-free **1-800-PROXIES** (1-800-776-9437) in the United States or **1-718-921-8500** from foreign countries from any touch-tone telephone and follow the instructions. Have your proxy card available when you call.

Vote by phone until 11:59 PM EST the day before the meeting.

MAIL - Sign, date and mail your proxy card in the envelope provided as soon as possible.

IN PERSON - You may vote your shares in person by attending the Annual Meeting.

GO GREEN - e-Consent makes it easy to go paperless. With e-Consent, you can quickly access your proxy material, statements and other eligible documents online, while reducing costs, clutter and paper waste. Enroll today via www.amstock.com to enjoy online access.

COMPANY NUMBER	
ACCOUNT NUMBER	

NOTICE OF INTERNET AVAILABILITY OF PROXY MATERIAL:
 Our Proxy Statement and the CVR Energy 2013 Annual Report, which includes our 2013 Annual Report on Form 10-K and financial statements, are available at <http://annualreport.cvrenergy.com>.

↓ Please detach along perforated line and mail in the envelope provided IF you are not voting via telephone. ↓

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THE BOARD OF DIRECTORS RECOMMENDS A VOTE 1, "FOR" THE ELECTION OF NINE DIRECTORS, 2, "FOR" THE RATIFICATION OF GRANT THORNTON AS THE COMPANY'S INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM FOR 2014, 3, "FOR" APPROVAL OF A NON-BINDING, ADVISORY VOTE ON NAMED EXECUTIVE OFFICER COMPENSATION ("SAY-ON-PAY") AND 4, "FOR" APPROVAL OF THE COMPANY'S LONG-TERM INCENTIVE PLAN AND AWARDS GRANTED THEREUNDER TO THE COMPANY'S PRESIDENT AND CHIEF EXECUTIVE OFFICER IN ACCORDANCE WITH SECTION 162(M) OF THE INTERNAL REVENUE CODE.

PLEASE SIGN, DATE AND RETURN PROMPTLY IN THE ENCLOSED ENVELOPE. PLEASE MARK YOUR VOTE IN BLUE OR BLACK INK AS SHOWN HERE

1. To elect nine directors for terms of one year each, to serve until their successors have been duly elected and qualified.
- FOR ALL NOMINEES
- WITHHOLD AUTHORITY FOR ALL NOMINEES
- FOR ALL EXCEPT (See instructions below)
- NOMINEES:**
- Bob G. Alexander
 - SungHwan Cho
 - Carl C. Icahn
 - Vincent J. Intrieri
 - John J. Lipinski
 - Samuel Merksamer
 - Stephen Mongillo
 - Andrew Roberto
 - James M. Strock

2. To ratify the selection of Grant Thornton LLP as the Company's independent registered public accounting firm for 2014. FOR AGAINST ABSTAIN
3. To approve, by a non-binding, advisory vote, our named executive officer compensation ("Say-on-Pay"). FOR AGAINST ABSTAIN
4. To approve the Company's 2007 Long-Term Incentive Plan and awards granted thereunder to the Company's President and Chief Executive Officer, in accordance with Section 162(m) of the Internal Revenue Code. FOR AGAINST ABSTAIN

INSTRUCTIONS: To withhold authority to vote for any individual nominee(s), mark "FOR ALL EXCEPT" and fill in the circle next to each nominee you wish to withhold, as shown here: ●

To change the address on your account, please check the box at right and indicate your new address in the address space above. Please note that changes to the registered name(s) on the account may not be submitted via this method.

Signature of Stockholder Date: Signature of Stockholder Date:

Note: Please sign exactly as your name or names appear on this Proxy. When shares are held jointly, each holder should sign. When signing as executor, administrator, attorney, trustee or guardian, please give full title as such. If the signer is a corporation, please sign full corporate name by duly authorized officer, giving full title as such. If signer is a partnership, please sign in partnership name by authorized person.

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CVR ENERGY, INC.

The undersigned hereby appoints Stanley A. Riemann, Edmund S. Gross and Susan M. Ball and each or any of his/her attorneys and agents, with full power of substitution to vote as Proxy for the undersigned as herein stated at the Annual Meeting of Stockholders of CVR Energy, Inc. (the "Company") to be held at the Sweetwater Country Club, 4400 Palm Royale Boulevard, Sugar Land, Texas 77479 on Tuesday, June 17, 2014 at 10:00 a.m. (Central Time), and at any adjournments or postponements thereof, according to the number of votes the undersigned would be entitled to vote if personally present, on the proposals set forth on the reverse hereof and in accordance with their discretion on any other matters that may properly come before the meeting or any adjournments or postponements thereof. The undersigned hereby acknowledges receipt of the Notice of Internet Availability of Proxy Materials. If this proxy is returned without direction being given, this proxy will be voted in accordance with the recommendations of the Board of Directors.

(Continued and to be signed on the reverse side)