Filed Pursuant to Rule 433 Issuer Free Writing Prospectus Registration No. 333-255823 May 24, 2021

OGE Energy Corp.

RBC Capital Markets, LLC U.S. Bancorp Investments, Inc.

PRICING INFORMATION

OGE ENERGY CORP.

\$500,000,000 0.703% SENIOR NOTES, SERIES DUE MAY 26, 2023

Ratings (Moody's / S&P / Fitch)* Baa1 (Negative) / BBB (Negative) / BBB+ (Stable) Principal Amount \$500,000,000 Collateral Type Senior Unsecured Notes **Format** SEC Registered Trade Date May 24, 2021 Settlement Date (T+3) May 27, 2021 Maturity May 26, 2023 **Interest Payment Dates** Semi-annual payments on May 26 and November 26 of each year, beginning November 26, 2021 **Optional Redemption Provisions** Par Call At any time on or after November 26, 2021 Benchmark Treasury 0.125% due April 30, 2023 Benchmark Treasury Yield 0.153%T + 55 bps Spread to Benchmark Treasury Reoffer Yield 0.703% Coupon 0.703% Price to Public 100% of the principal amount 670837AC7 / US670837AC70 CUSIP / ISIN Joint Book-Running Managers J.P. Morgan Securities LLC Mizuho Securities USA LLC MUFG Securities Americas Inc.

Wells Fargo Securities, LLC Co-Manager BOKF Financial Securities, Inc.

 $BOK\ Financial\ Securities,\ Inc.,\ one\ of\ the\ underwriters,\ is\ an\ affiliate\ of\ BOKF,\ NA,\ the\ Trustee\ under\ the\ Indenture.$

Issuer

*Note: A securities rating is not a recommendation to buy, sell or hold securities and may be subject to revision or withdrawn at any time.

Settlement Date: The closing will occur on May 27, 2021, which will be more than two U.S. business days after the date of this pricing term sheet. Under Rule 15c6-1 under the Securities Exchange Act of 1934, trades in the secondary market generally are required to settle in two business days unless the parties to any such trade expressly agree otherwise. Accordingly, purchasers who wish to trade the senior notes on the date of pricing will be required, by virtue of the fact that the senior notes initially will settle in T+3, to specify an alternative settlement cycle at the time of any such trade to prevent failed settlement and should consult their own advisors.

The issuer has filed a registration statement (including a prospectus) with the SEC for the offering to which this communication relates. Before you invest, you should read the prospectus in that registration

statement and other documents the issuer has filed with the SEC for more complete information about the issuer and this offering. You may get these documents for free by visiting EDGAR on the SEC Web site at www.sec.gov. Alternatively, the issuer, any underwriter or any dealer participating in the offering will arrange to send you the prospectus if you request it by calling J.P. Morgan Securities LLC at (212) 834-4533, Mizuho Securities USA LLC at (866) 271-7403, MUFG Securities Americas Inc. at (877) 649-6848, RBC Capital Markets, LLC at (866) 375-6829, U.S. Bancorp Investments, Inc. at (877) 558-2607 or Wells Fargo Securities, LLC at (800) 645-3751.