

CAPITAL CLEAN ENERGY CARRIERS CORP.

CHARTER OF THE NOMINATING COMMITTEE OF THE BOARD OF DIRECTORS

I. Committee Membership:

The Nominating Committee (the “Committee”) of the Board of Directors (the “Board”) of Capital Clean Energy Carriers Corp. (the “Corporation”) shall consist of “independent directors,” i.e., those directors who neither are officers or employees of the Corporation or its controlled affiliates nor have a relationship which, in the opinion of the Board, would interfere with the exercise of independent judgment in carrying out the responsibilities of a director, and who are otherwise “independent” under the rules of the Nasdaq Stock Market, Inc. (the “Nasdaq Rules”); provided, however, that so long as the Corporation is a “foreign private issuer” (as defined in the Nasdaq Rules), only a majority of the such members of the Committee need be “independent directors.”

The members of the Committee shall be appointed by the Board. Members shall serve at the pleasure of the Board and for such term or terms as the Board may determine. Committee membership shall be subject to the requirements set forth in the Shareholders’ Agreement dated as of August 26, 2024 among the Corporation, Capital Maritime & Trading Corp. Capital Gas Corp. and Capital GP L.L.C. (the “Shareholders’ Agreement”) for so long as such agreement is in effect.

II. Committee Purpose and Responsibilities:

The Committee shall have the purpose and responsibilities to:

1. Identify individuals believed to be qualified to become Board members, consistent with criteria approved by the Board, and to select, or recommend to the Board, the nominees to stand for election as directors at the annual meeting of shareholders or, if applicable, at a special meeting of shareholders. In the case of a vacancy in the office of a director (including a vacancy created by an increase in the size of the Board), the Committee shall recommend to the Board an individual to fill such vacancy either through appointment by the Board or through election by shareholders. Subject to the Shareholders’ Agreement and applicable law, the Committee shall have the sole authority to determine all of the individuals to be nominated or appointed to the Board or on behalf of the Board. In selecting or recommending candidates, the Committee shall take into consideration the criteria approved by the Board and such other factors as it deems appropriate. These factors may include judgment, skill, diversity, experience with businesses and other organizations of comparable size, the interplay of the candidate’s experience with the experience of other Board members, and the extent to which the candidate would be a desirable addition to the Board and any committees of the Board. The Committee may

consider candidates proposed by management, but is not required to do so.

2. Subject to the Shareholders' Agreement and applicable law, consider a director's offer of resignation which specifies it is subject to acceptance and recommend to the Board whether to accept the resignation or reject it.

3. Develop and recommend to the Board standards to be applied in making determinations as to the absence of material relationships between the Corporation and a director.

4. Prepare and issue the evaluation required under "Performance Evaluation" below.

5. Assist management in the preparation of the Corporation's public disclosures regarding director independence and the operations of the Committee.

6. Report to the Board on a regular basis, and not less than once per year.

7. Perform any other duties or responsibilities expressly delegated to the Committee by the Board from time to time relating to the nomination of Board and committee members.

III. Committee Structure and Operations:

The Board shall designate one member of the Committee as its chairperson. The Committee shall meet at least twice a year, or more frequently, in conjunction with regularly scheduled meetings of the Board at regularly scheduled times and places determined by the Committee chairperson, with further meetings to occur, or actions to be taken by unanimous written consent, when deemed necessary or desirable by the Committee or its chairperson. The Committee may meet in person, by means of remote communication to the extent permitted by applicable law, or in any other manner in which the Board is permitted to meet under law or the Bylaws of the Corporation.

IV. Performance Evaluation:

The Committee shall prepare and review with the Board an annual performance evaluation of the Committee, which evaluation shall compare the performance of the Committee with the requirements of this charter. The performance evaluation shall also recommend to the Board any improvements to the Committee's charter deemed necessary or desirable by the Committee. The performance evaluation by the Committee shall be conducted in such manner as the Committee deems appropriate. The report to the Board may take the form of an oral report by the chairperson of the Committee or any other member of the Committee designated by the Committee to make this report.

V. Resources and Authority of the Committee:

The Committee shall have the resources, funding and authority appropriate to discharge its duties and responsibilities, including the authority to select, retain, terminate and approve reasonable fees and other retention terms of any consultants, outside legal counsel or other advisors to the Committee (each, an “Advisor”), as it deems appropriate, without seeking approval of the Board or management. The Committee shall be directly responsible for the appointment, compensation and oversight of the work of any Advisor it retains. With respect to consultants or search firms used to identify director candidates, this authority shall be vested solely in the Committee.

Each member of the Committee shall be paid the fee set by the Board for his or her services as a member of, or chairperson of, the Committee.

(Adopted August 2024)