

**RAMACO RESOURCES, INC.**  
**CHARTER OF THE TECHNOLOGY COMMITTEE**  
**OF THE BOARD OF DIRECTORS**  
**(Adopted as of April 13, 2022)**

The Board of Directors (the “Board”) of Ramaco Resources, Inc., a Delaware corporation (the “Company”) has established the Technology Committee of the Board (the “Committee”) with authority, responsibility and specific duties as described in this Technology Committee Charter (this “Charter”).

**I. Purpose**

The purpose of the Committee is to assist the Board in fulfilling its responsibilities by providing oversight and support in reviewing (i) proposed transactions and (ii) intellectual property rights, in each case as relates to coal technologies (and processes covering coal technologies), development of technologies derived from coal, and alternative uses for coal (“Technology Oversight”).

The Committee’s input with respect to such Technology Oversight will be reported to the Board in accordance with Section V below. The Committee will also perform such other functions as the Board may assign to the Committee from time to time.

**II. Membership**

The members of the Committee (each a “Member”) shall be appointed by the Board and shall consist of at least three members of the Board, the majority of whom must at all times be “independent” as defined by the rules of the Securities and Exchange Commission and the listing requirements of the NASDAQ Stock Market LLC. The Board shall designate the Chairman of Committee (the “Chairman”). The Board shall have the power at any time to remove any Member and fill any vacancy on the Committee. A Member may resign by giving written notice to the Board and may resign from the Committee without resigning from the Board.

**III. Meetings and Procedures**

The Committee shall meet at the request of the Chairman, two or more members of the Committee, or the Chairman of the Board, and shall meet as often as circumstances dictate, but in any event at least quarterly. Meetings of the Committee may be in person, by conference call or video or by unanimous written consent. Meetings of the Committee will be held at such time and place, and upon such notice, as the Chairman may from time to time determine. The Committee will maintain minutes of its meetings, which shall be kept in the books and records of the Company.

A majority of the Members shall constitute a quorum. The Committee will act on the affirmative vote of a majority of Members present at a meeting in which a quorum is present. The Committee may also act by unanimous written consent in lieu of a meeting. In the absence of the Chairman during any Committee meeting, the Committee may designate a Chairman pro tempore.

The Committee may invite any consultant, outside legal counsel, member of the Board, officer or employee of the Company to attend meetings of the Committee as the Chairman considers appropriate. Those in attendance may observe meetings of the Committee, but may not participate in any discussion or deliberation unless invited to do so by the Committee, and in any event are not entitled to vote. The Committee shall have access to professional advice from employees of the Company and from any external advisors (including, but not limited to, consultants and outside legal counsel).

Subject to the Company's Corporate Governance Guidelines and other policies, Members will be reimbursed by the Company for all reasonable expenses incurred in connection with their duties as Members.

#### **IV. Authority and Responsibilities**

The Committee shall have the following responsibilities in carrying out its oversight function:

- Review, evaluate and advise the Board and management on the strategy, objectives and priorities, as well as robustness and quality, of the Company's current and planned research and development ("R&D") programs and technology initiatives, with respect to their impact on the Company's potential performance, growth and competitive position.
- Assist the Board and management in scientific and R&D aspects and relevant business implications of the Company's acquisitions, transactions and other business development activities.
- Endeavor to identify and provide the Board with strategic advice on significant emerging science and technology issues, innovations and trends.
- Assist the Board in its oversight of the Company's risk management in areas affecting or relating to R&D, technology and intellectual property of the Company.
- Review and advise the Board and management on the overall intellectual property strategy of the Company.
- Review new technology in which the Company is, or is considering, investing.
- Review and make recommendations on such other topics as deemed appropriate.

The Committee shall (i) review and reassess the adequacy of this Charter annually and recommend any proposed changes to the Board for approval, and (ii) annually review its own performance and report the results of this evaluation to the Board pursuant to Section V below.

## **V. Reports to the Board**

The Chairman, or a delegate of the Committee chosen by the Chairman, shall make regular reports to the Board. On an annual basis, the Chairman will report to the Board whether the Committee has performed all items required to be performed by this Charter and, to the extent that the Committee has not been able to perform any such item, the Chairman will inform the Board why the Committee did not do so.

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*While the Members have the duties and responsibilities set forth in this Charter, nothing contained in this Charter is intended to create, or should be construed as creating, any responsibility or liability of the Members, except to the extent otherwise provided under applicable federal or state law. Further, nothing in this Charter is intended to preclude or impair the protection provided in Section 141(e) of the Delaware General Corporation Law for good faith reliance by Members on reports or other information provided by others.*