

**CHARTER OF THE AUDIT COMMITTEE
OF THE BOARD OF DIRECTORS OF
SAMOS ENERGY ACQUISITION CORPORATION
ADOPTED AS OF JULY 9, 2026**

I. STATUS

The Board of Directors (the “Board”) of Samos Energy Acquisition Corporation, a Cayman Islands exempted company (the “Company”), has established the Audit Committee of the Board (the “Committee”) with authority, responsibility and specific duties as described in this Audit Committee Charter (the “Charter”).

II. PURPOSE OF THE COMMITTEE

The Committee is appointed by the Board for the primary purposes of:

- Performing the Board’s oversight responsibilities as they relate to the Company’s accounting policies and internal controls, financial reporting practices and legal and regulatory compliance, including, among other things:
 - the quality and integrity of the Company’s financial statements;
 - the Company’s compliance with legal and regulatory requirements as well as compliance with all documents filed by the Company with the U.S. Securities and Exchange Commission (the “SEC”);
 - review of the independent auditors’ qualifications and independence; and
 - the performance of the Company’s internal audit function and the Company’s independent auditors;
- Maintaining, through regularly scheduled meetings, a line of communication between the Board and the Company’s financial management, internal auditors and independent auditors;
- Preparing the report to be included in the Company’s annual proxy statement, as required by SEC rules; and
- In the event any noncompliance is identified, immediately taking all action necessary to rectify such noncompliance or otherwise cause compliance.

III. COMPOSITION AND QUALIFICATIONS OF THE COMMITTEE

The Committee shall be appointed by the Board and shall, within one year of the listing of the Company’s securities, be comprised of three or more directors (as determined from time to time by the Board), each of whom shall meet the independence requirements of the Sarbanes-Oxley Act of 2002, as amended (the “Act”), the New York Stock Exchange (the “NYSE”) and all other applicable laws. The chairperson of the Committee shall be designated by the Board,

provided that if the Board does not so designate a chairperson, the members of the Committee, by a majority vote, may designate a chairperson.

Any vacancy on the Committee shall be filled by majority vote of the Board. No member of the Committee shall be removed except by majority vote of the Board.

Each member of the Committee must be financially literate (i.e., have a working familiarity with basic finance and accounting practices (or shall acquire such familiarity within a reasonable period after his or her appointment)). In addition, at least one member of the Committee must be designated by the Board to be the “audit committee financial expert,” as defined by the SEC pursuant to the Act (which the Board may presume satisfies the NYSE listing requirement that one member of the Committee have “accounting or related financial management expertise”).

IV. MEETINGS OF THE COMMITTEE

The Committee shall meet as often as it determines necessary to carry out its duties and responsibilities, but no less frequently than once every fiscal quarter. The Committee, in its discretion, may ask members of management or others to attend its meetings (or portions thereof) and to provide pertinent information as necessary. A majority of the members of the Committee present in person or by means of a conference telephone or other communications equipment by means of which all persons participating in the meeting can hear each other shall constitute a quorum.

The Committee shall maintain minutes of its meetings and records relating to those meetings.

V. DUTIES AND RESPONSIBILITIES OF THE COMMITTEE

In carrying out its duties and responsibilities, the Committee’s policies and procedures should remain flexible, so that it may be in a position to best address, react or respond to changing circumstances or conditions. The following duties and responsibilities are within the authority of the Committee and the Committee shall, consistent with and subject to applicable law and rules and regulations promulgated by the SEC, the NYSE, or any other applicable regulatory authority:

Selection, Evaluation, and Oversight of the Auditors

(a) Be directly responsible for the appointment, compensation, retention and oversight of the work of any registered public accounting firm engaged for the purpose of preparing or issuing an audit report or performing other audit, review or attest services for the Company, and each such registered public accounting firm must report directly to the Committee (the registered public accounting firm engaged for the purpose of preparing or issuing an audit report for inclusion in the Company’s Annual Report on Form 10-K is referred to herein as the “independent auditors”);

(b) Review and, in its sole discretion, approve in advance the Company’s independent auditors’ annual engagement letter, including the proposed fees contained therein, as well as all audit and, as provided in the Act and the SEC rules and regulations promulgated thereunder, all permitted non-audit engagements and relationships between the Company and such independent

auditors (which approval should be made after receiving input from the Company's management, if desired). Approval of audit and permitted non-audit services will be made by the Committee or by one or more members of the Committee as shall be designated by the Committee/the chairperson of the Committee and the persons granting such approval shall report such approval to the Committee at the next scheduled meeting;

(c) Review the performance of the Company's independent auditors, including the lead partner of the independent auditors, and, in its sole discretion (subject, if applicable, to shareholder ratification), make decisions regarding the replacement or termination of the independent auditors when circumstances warrant;

(d) Meet with the independent auditors prior to the annual audit to discuss planning and staffing of the audit;

(e) Evaluate the independence of the Company's independent auditors by, among other things:

(i) obtaining and reviewing from the Company's independent auditors a formal written statement delineating all relationships between the independent auditors and the Company, consistent with Independence Standards Board Standard 1;

(ii) actively engaging in a dialogue with the Company's independent auditors with respect to any disclosed relationships or services that may impact the objectivity and independence of the auditors;

(iii) setting clear hiring policies for employees or former employees of the Company's independent auditors, including but not limited to, as required by all applicable laws and listing rules;

(iv) taking, or recommending that the Board take, appropriate action to oversee the independence of the Company's independent auditors;

(v) monitoring compliance by the Company's independent auditors with the audit partner rotation requirements contained in the Act and the rules and regulations promulgated by the SEC thereunder;

(vi) monitoring compliance by the Company of the employee conflict of interest requirements contained in the Act and the rules and regulations promulgated by the SEC thereunder; and

(vii) engaging in a dialogue with the independent auditors to confirm that audit partner compensation is consistent with applicable SEC rules.

(f) Review and evaluate the performance of the independent auditors, as the basis for a decision to reappoint or replace the independent auditors.

Oversight of Annual Audit and Quarterly Reviews

(a) Review and discuss with the independent auditors their annual audit plan, including the timing and scope of audit activities, and monitor such plan's progress and results during the year;

(b) Review with management and the Company's independent auditors the following information which is required to be reported by the independent auditor:

(i) all critical accounting policies and practices to be used including those that have changed significantly;

(ii) all alternative treatments of financial information that have been discussed by the independent auditors and management, ramifications of the use of such alternative disclosures and treatments, and the treatment preferred by the independent auditors;

(iii) all other material written communications between the independent auditors and management, such as any management letter and any schedule of unadjusted differences; and

(iv) any material financial arrangements of the Company which do not appear on the financial statements of the Company;

(c) Resolve all disagreements between the Company's independent auditors and management regarding financial reporting, including any change in the scope of the planned audit work and any restrictions placed on the scope of such work and management's response to such problems or difficulties;

(d) Review and discuss the annual audited financial statements and the Company's disclosures under Management's Discussion and Analysis of Financial Condition and Results of Operations ("MD&A") with management and the independent auditors.

Oversight of Financial Reporting Process and Internal Controls

(a) Review:

(i) the adequacy and effectiveness of the Company's accounting and internal control policies and procedures on a regular basis, including the responsibilities, budget, compensation and staffing of the Company's internal audit function, through inquiry and discussions with the Company's independent auditors and management; and

(ii) the Committee's level of involvement and interaction with the Company's internal audit function, including the Committee's line of authority and role in appointing and compensating employees in the internal audit function;

(b) Review with the chief executive officer, chief financial officer and independent auditors, periodically, the following:

(i) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the Company's ability to record, process, summarize and report financial information; and

(ii) any fraud, whether or not material, that involves management or other employees who have a significant role in the Company's internal control over financial reporting;

(c) Discuss guidelines and policies governing the process by which senior management of the Company assess and manage the Company's exposure to risk, as well as the Company's major financial risk exposures and the steps management has taken to monitor and control such exposures;

(d) Review with management the progress and results of all internal audit projects, and, when deemed necessary or appropriate by the Committee, assign additional internal audit projects to appropriate personnel;

(e) Receive periodic reports from the Company's independent auditors, management and director of the Company's internal auditing department to assess the impact on the Company of significant accounting or financial reporting developments that may have a bearing on the Company;

(f) Review and discuss with the independent auditors the results of the year-end audit of the Company, including any comments or recommendations of the Company's independent auditors and, based on such review and discussions and on such other considerations as it determines appropriate, recommend to the Board whether the Company's financial statements and MD&A should be included in the Company's Annual Report on Form 10-K;

(g) Review and discuss the quarterly financial statements and the Company's disclosures provided in periodic quarterly reports including MD&A with management, and the independent auditor.

(h) Establish and maintain free and open means of communication between and among the Committee, the Company's independent auditors and management, including providing such parties with appropriate opportunities to meet separately and privately with the Committee on a periodic basis;

(i) Review the type and presentation of information to be included in the Company's earnings press releases (especially the use of "pro forma" or "adjusted" information not prepared in compliance with generally accepted accounting principles), as well as financial information and earnings guidance provided by the Company to analysts and rating agencies (which review may be done generally (i.e., discussion of the types of information to be disclosed and type of presentations to be made), and the Committee need not discuss in advance each earnings release or each instance in which the Company may provide earnings guidance);

Miscellaneous

(a) Establish and implement policies and procedures for the Committee's review and approval or disapproval of proposed transactions or courses of dealings with respect to which

executive officers or directors or members of their immediate families have an interest (including all transactions required to be disclosed by Item 404(a) of Regulation S-K);

(b) Meet periodically with outside counsel when appropriate, to review legal and regulatory matters, including (i) any matters that may have a material impact on the financial statements of the Company and (ii) any matters involving potential or ongoing material violations of law or breaches of fiduciary duty by the Company or any of its directors, officers, employees, or agents or breaches of fiduciary duty to the Company;

(c) Prepare the report required by the rules of the SEC to be included in the Company's annual proxy statement;

(d) Review the Company's policies relating to the ethical handling of conflicts of interest and review past or proposed transactions between the Company and members of management as well as policies and procedures with respect to officers' expense accounts and perquisites, including the use of corporate assets. The Committee shall consider the results of any review of these policies and procedures by the Company's independent auditors;

(e) Review and approve in advance any services provided by the Company's independent auditors to the Company's executive officers or members of their immediate families;

(f) Review the Company's program to monitor compliance with the Company's Code of Ethics;

(g) Establish procedures for (i) the receipt, retention and treatment of complaints received by the Company regarding accounting, internal accounting controls or auditing matters, and (ii) the confidential, anonymous submission by employees of the Company of concerns regarding questionable accounting or auditing matters;

(h) Establish procedures for the receipt, retention and treatment of reports of evidence of a material violation made by attorneys appearing and practicing before the SEC in the representation of the Company or any of its subsidiaries, or reports made by the Company's chief executive officer in relation thereto;

(i) Approve reimbursement of expenses incurred by management in connection with certain activities on behalf of the Board and its members, such as identifying potential target businesses;

(j) Secure independent expert advice to the extent the Committee determines it to be appropriate, including retaining, with or without Board approval, independent counsel, accountants, consultants or others, to assist the Committee in fulfilling its duties and responsibilities, the cost of such independent expert advisors to be borne by the Company;

(k) Monitor compliance, on a regularly scheduled basis, with the terms of the Company's initial public offering (the "Offering") and, if any noncompliance is identified, promptly take all action necessary to rectify such noncompliance or otherwise cause the Company to come into compliance with the terms of the Offering.

(l) Review and approve all “related party transactions” requiring disclosure under Item 404 of Regulation S-K prior to the Company entering into such transaction.

(m) Inquire and discuss with management the Company’s compliance with applicable laws and regulations including: (i) legal, regulatory and compliance matters, including any correspondence with regulators or government agencies and any employee complaints or published reports which raise material issues on the financial statements or accounting policies, and (ii) corporate compliance policies or codes of conduct.

(n) Review and approve, on a quarterly basis, all payments made by the Company to the Company’s existing holders, sponsor, executive officers or directors and their and the Company’s respective affiliates.

(o) Review and assess the adequacy of this Charter on an annual basis; and

(p) Perform such additional activities, and consider such other matters, within the scope of its responsibilities, as the Committee or the Board deems necessary or appropriate.

VI. PROCEDURES

(a) Action

(i) A majority of the members of the entire Committee shall constitute a quorum. The Committee shall act on the affirmative vote of a majority of members present at a meeting at which a quorum is present. Without a meeting, the Committee may act by unanimous written consent of all members. However, the Committee may delegate to one or more of its members the authority to grant pre-approvals of audit and permitted non-audit services, provided the decision is reported to the full Committee at its next scheduled meeting.

(b) Fees

(i) The Company shall provide for appropriate funding, as determined by the Committee, for payment of compensation: (a) to outside legal, accounting or other advisors employed by the Committee; and (b) for ordinary administrative expenses of the Committee that are necessary or appropriate in carrying out its duties.

VII. INVESTIGATIONS AND STUDIES; OUTSIDE ADVISERS

The Committee may conduct or authorize investigations into or studies of matters within the Committee’s scope of responsibilities, and may retain, at the Company’s expense, such independent counsel or other consultants or advisers as it deems necessary.

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While the Committee has the duties and responsibilities set forth in this Charter, the Committee is not responsible for preparing or certifying the financial statements, for planning or conducting the audit, or for determining whether the Company’s financial statements are complete and accurate and are in accordance with generally accepted accounting principles.

In fulfilling their responsibilities hereunder, it is recognized that members of the Committee are not full-time employees of the Company, it is not the duty or responsibility of the Committee or its members to conduct “field work” or other types of auditing or accounting reviews or procedures or to set auditor independence standards, and each member of the Committee shall be entitled to rely on (i) the integrity of those persons and organizations within and outside the Company from which it receives information and (ii) the accuracy of the financial and other information provided to the Committee absent actual knowledge to the contrary.

Nothing contained in this Charter is intended to create, or should be construed as creating, any responsibility or liability of the members of the Committee, except to the extent otherwise provided under applicable Cayman Islands law.

VIII. DISCLOSURE

If required by the rules of the SEC or the NYSE, this Charter, as amended from time to time, shall be made available to the public on the Company’s website.