DERISK CRQ · LEVEL 3 · BOARD-GRADE · CEO / BOARD

Cyber Risk Brief — Q4 2026

Generated by DeRISK CRQ on the DeRISK™ Intelligence Platform.

Entity: Aldermere Energy **Scope:** Company **Level:** 3 · Board-Grade **Inputs provided:** Oct 20, 2026
Report generated: Oct 27, 2026 **Cadence:** Quarterly

The exposure in financial terms, whether it moved, whether it is material, and where it comes from — on one model, in three pages.

1 · HEADLINE RISK POSITION

ANNUAL EXPECTED LOSS
$62.4M
15.9 days of revenue · 4.4% of annual revenue

1-IN-20-YEAR LOSS · VAR 95TH
$172M
43.9 days of revenue · 12.0%

1-IN-100-YEAR LOSS · VAR 99TH
$246M
62.8 days of revenue · 17.2%

Anchored to annual company revenue of **$1,429M**. In an average year the company should expect to lose about **$62M** to cyber-physical events across its 70 facilities; once in twenty years the loss reaches **$172M**, and once in a hundred, **$246M**. One scenario — ransomware with data exfiltration — accounts for **71%** of the expected loss.

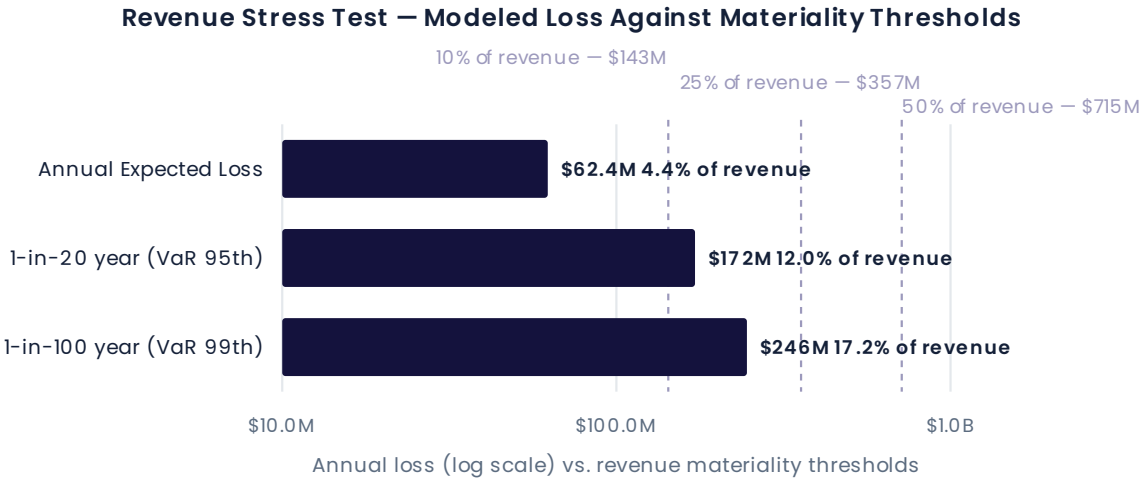
2 · RISK TRAJECTORY

This is the first quarterly quantification of Aldermere Energy in DeRISK CRQ and sets the **baseline**. The trajectory — how expected and tail loss move as controls change and threat context shifts — begins with the Q1 2027 brief, which will restate these three figures beside the new ones and attribute the change to its drivers: control maturity, threat frequency or the financial anchors.

MEASURE	Q4 2026 (BASELINE)	Q1 2027	CHANGE
Annual Expected Loss	$62,350,000	—	—
VaR 95th (1-in-20)	$172,000,000	—	—
VaR 99th (1-in-100)	$246,000,000	—	—
Overall control maturity	2.00 / 4.00 (Developing)	—	—

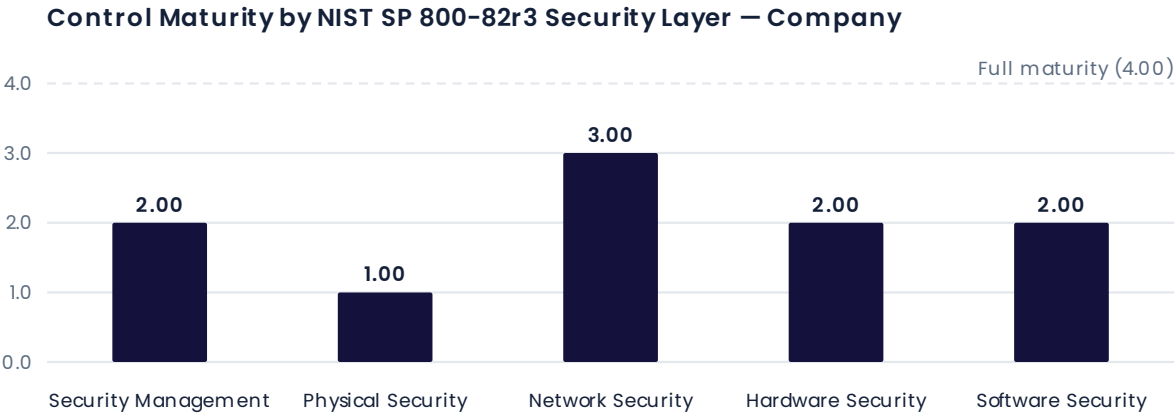
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3 · SOLVENCY CHECK — STRESS TEST



Against the company's materiality thresholds, the expected loss sits below the lowest line at 4.4% of revenue. **Both tail measures cross the 10% threshold**: the 1-in-20-year loss at 12.0% and the 1-in-100-year loss at 17.2%. Neither reaches the 25% line. The thresholds are a configurable input in DeRISK: set them to the materiality levels Finance uses for internal assessment or disclosure.

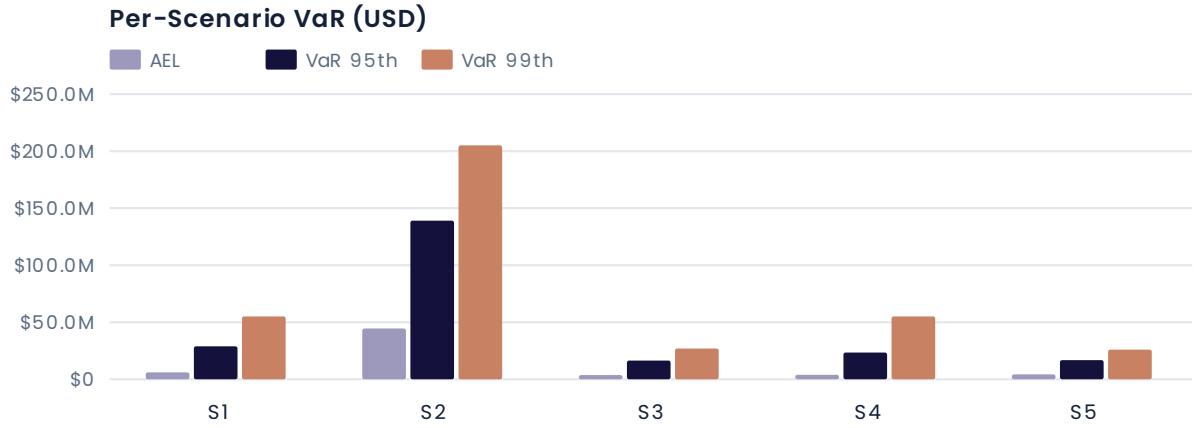
4 · PEER POSITION — SECURITY MATURITY



Overall control maturity is **2.00 of 4.00 (Developing)**. Aldermere Energy demonstrates solid network segmentation and remote-access controls (DMZ, VPN, MFA, jump host) and a strong asset inventory. Maturity is Developing because key gaps remain in OT-specific policy and physical security, credential and privileged-access hygiene, software integrity validation, and hardware risks such as unseparated safety systems and about 35% end-of-life equipment. Strengthening these areas, and verifying controls across all 70 facilities, would move the organization toward a Defined and Operational level. Comparable industry peer data are not available for this assessment.

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5 · FAIR SCENARIO ANALYSIS — PER-SCENARIO VAR



SCENARIO	THREAT · METHOD	AEL	VAR 95TH	CONTRIBUTION	VAR 99TH	CONTRIBUTION
S1	Nation-State · Remote Service Exploitation	$6,100,000	$28,900,000	12.87%	$55,000,000	14.95%
S2	Cyber Criminals · Ransomware with Data Exfiltration	$44,500,000	$139,000,000	61.92%	$205,000,000	55.71%
S3	Privileged Insider · Data Exfiltration	$3,650,000	$16,400,000	7.30%	$27,000,000	7.34%
S4	Cyber Terrorists · System Outage	$3,900,000	$23,500,000	10.47%	$55,000,000	14.94%
S5	Competitor-Driven Actors · Supply Chain	$4,200,000	$16,700,000	7.44%	$26,000,000	7.06%

S2 — ransomware with data exfiltration is the risk that matters at board level: 62% of the 1-in-20-year loss and 56% of the 1-in-100-year loss. Its inputs are known and addressable — IT security policy applied to OT, shared and default credentials, and the end-of-life asset base. The CISO's Security Posture and Remediation Priorities report carries the control detail; with DeRISK Consultant attached, it ranks the projects that remove the most of this loss per dollar.

How to read this brief

Annual Expected Loss is the average year; VaR 95th and VaR 99th are the 1-in-20 and 1-in-100-year losses. Figures are quantified on the FAIR standard with 10,000 Monte Carlo simulations from public data and the company's 50-question Level 3 instrument; data sufficiency is Partial and confidence Moderate, so the figures are directionally reliable for governance decisions while absolute tail magnitudes carry material uncertainty. The methodology, assumptions and limitations behind every figure are in the CISO and CFO reports from the same run.

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