

AES Ekibastuz

Energy / Power · Kazakhstan



26.5 /100

Major Polluter

Score formula:

Pollution ×35% · Reduction ×25%

Investment ×20% · Transparency ×10%

Community ×10%

0

CO₂ T/YR REDUCED

\$0M

CLEAN INVESTMENT

0

PROJECTS

0

VERIFIED DOCS

Report date: June 3, 2026

DEMO DATA — NOT AUDITED

EXECUTIVE SUMMARY

Executive Summary

Consolidated EcoIQ assessment — AES Ekibastuz — June 2026

| | | | | | |
|----------------------------|---|--|---------------------------------------|-----------------------------------|-----------------------------------|
| 26.5 EcoIQ SCORE | Major Polluter TIER CLASSIFICATION | 0 CO ₂ T/YR REDUCED | \$0M TOTAL CLEAN INVEST. | 0 COMPLETED PROJECTS | 0 VERIFIED DOCUMENTS |
|----------------------------|---|--|---------------------------------------|-----------------------------------|-----------------------------------|

About the Company

AES Ekibastuz is a energy / power company based in , Kazakhstan.

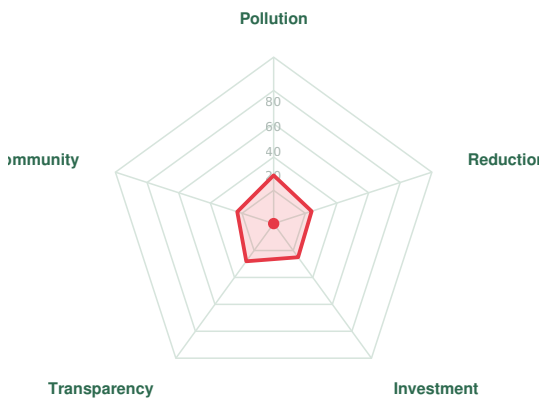
Key Findings

| | |
|----------------------------|---|
| EcoIQ Score | 26.5 / 100 — Major Polluter. The score reflects weighted performance across 5 environmental pillars. |
| Pollution Footprint | Score 29/100 (weight 35%). Below threshold — emissions management needs urgent attention. |
| Reduction Progress | Score 24/100 (weight 25%). Score stable over observation period. |
| Investment | Score 25/100 (weight 20%). \$0M total clean investment across 0 projects. |
| Transparency | Score 28/100 (weight 10%). 0 verified documents, 0 pending review. |
| Community | Score 23/100 (weight 10%). 0 tonnes CO ₂ reduced annually, equivalent to 0 cars off the road. |

{# ————— PAGE 3 — SCORE
INTELLIGENCE ————— #}

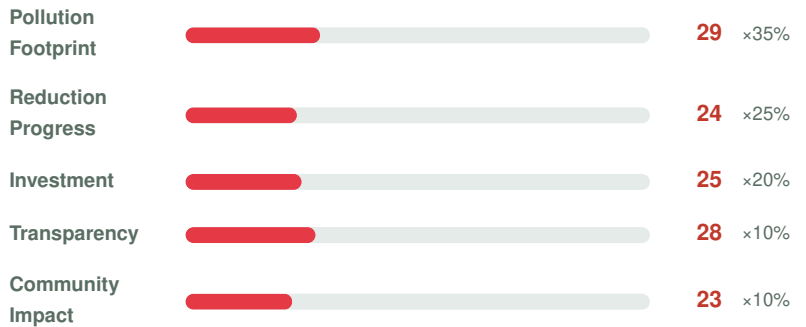
EcoIQ Score Intelligence

Five-pillar breakdown — weighted composite score analysis



5-Pillar Performance Radar

Pillar Score Breakdown



EcoIQ Score Formula

$$= \text{Pollution} \times 35\% + \text{Reduction} \times 25\% + \text{Investment} \times 20\% + \text{Transparency} \times 10\% + \text{Community} \times 10\%$$

$$= (29 \times 0.35) + (24 \times 0.25) + (25 \times 0.20) + (28 \times 0.10) + (23 \times 0.10) = \mathbf{26.5}$$

Pillar Scoring Detail

| PILLAR | WEIGHT | SCORE | CONTRIBUTION | ASSESSMENT |
|---------------------|--------|-------|------------------|---|
| Pollution Footprint | 35% | 29 | 29×35% = 29×0.35 | Critical — immediate corrective action necessary to meet regulatory minimums. |
| Reduction Progress | 25% | 24 | 24×25% = 24×0.25 | Critical — immediate corrective action necessary to meet regulatory minimums. |
| Investment | 20% | 25 | 25×20% = 25×0.20 | Critical — immediate corrective action necessary to meet regulatory minimums. |
| Transparency | 10% | 28 | 28×10% = 28×0.10 | Critical — immediate corrective action necessary to meet regulatory minimums. |
| Community Impact | 10% | 23 | 23×10% = 23×0.10 | Critical — immediate corrective action necessary to meet regulatory minimums. |

5-Year Emissions Trend

60-month EcolQ score trajectory —

26.5

START SCORE

26.5

CURRENT SCORE

0.0

5-YEAR CHANGE

Major Polluter

CURRENT TIER

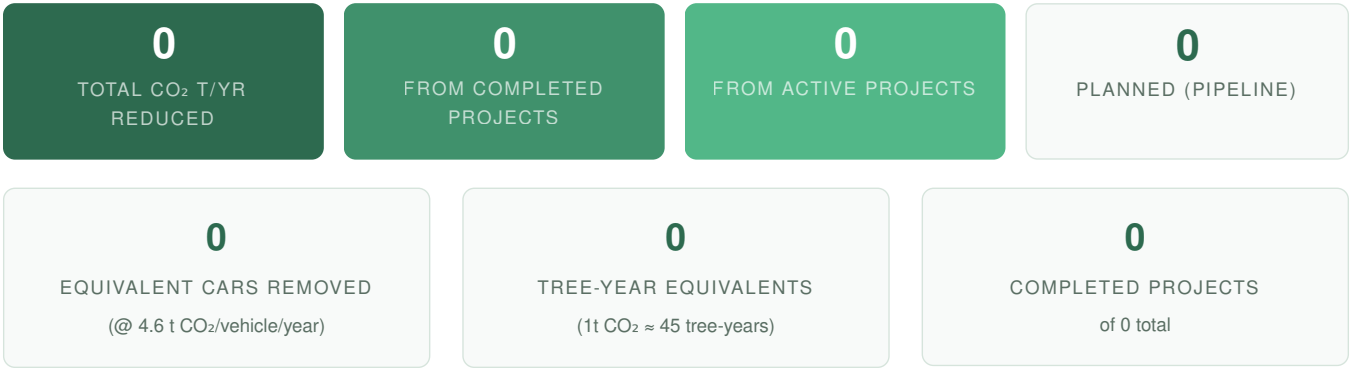
Trend Interpretation

| | |
|-------------------------|---|
| Trajectory | Stable performance over the observation period. While stability is noted, proactive improvement is still expected by 2030 targets. |
| Tier Progression | Current tier: Major Polluter . Next tier milestone: reach 40 pts (High Impact / Weak Repair) — requires approximately 27 → 40 additional composite points. |
| Data Coverage | 0 monthly data points covering . All pillar scores are tracked at monthly cadence; composite score is computed monthly. |

{# ===== PAGE 5 — CO₂ & ENVIRONMENTAL IMPACT ===== #}

Environmental Impact Analysis

CO₂ reduction, pollution footprint, and community benefit metrics



Pollution Burden Analysis

| | |
|--------------------------------------|--|
| Pollution Footprint Score | 29/100 (Score ≥70 = Good, 50–69 = Moderate, 35–49 = Concerning, <35 = Critical) |
| Reduction Progress Score | 24/100 Year-on-year improvement rate vs sector benchmark. |
| Annual CO₂ Avoided | 0 t/yr (completed + active projects). Pipeline adds a further 0 t/yr when operational. |

{# ===== PAGE 6 — KEY PROJECTS ===== #}

Key Environmental Projects

0 initiatives — 0 completed · 0 active · 0 planned

No projects on record.

{# ===== PAGE 7 —

INVESTMENT EFFICIENCY

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Investment Efficiency

Clean investment portfolio — cost-per-tonne analysis and capital allocation

| | | | |
|------------------|----------|------------------|--------------------|
| \$0M | 0 | 25 | — |
| TOTAL INVESTMENT | PROJECTS | INVESTMENT SCORE | TOTAL USD DEPLOYED |

{# ————— PAGE 8 —
MODERNIZATION ROADMAP
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Modernization Roadmap

Full project timeline — planned, active, and completed initiatives

No roadmap projects on record.

{# ===== PAGE 9 — AI

RECOMMENDATIONS

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Priority Recommendations

AI-assisted gap analysis — based on pillar scores and evidence base

CRITICAL

Deploy Continuous Emissions Monitoring (CEMS)

Pollution Footprint +8–15 pts

No real-time stack monitoring found in the evidence base. CEMS provides tamper-evident, near-real-time telemetry that satisfies both Kazakhstan Environmental Code (2022) Tier-1 requirements and MSCI ESG data quality thresholds.

Aligned SDGs: **SDG 9** **SDG 11** **SDG 13**

HIGH

Set a Science-Based Emissions Reduction Target (SBTi)

Reduction Progress +10–18 pts

No independently verified GHG pathway detected. An SBTi 1.5 °C-aligned commitment unlocks green bond eligibility, improves Bloomberg ESG score inputs, and signals credibility to institutional investors applying Paris-aligned screening.

Aligned SDGs: **SDG 13** **SDG 17**

HIGH

Increase Environmental Capex to ≥1% of Annual Revenue

Investment pillar +12–20 pts

Current clean investment appears below the sector median for Energy / Power. The 1% annual revenue threshold is the MSCI ESG benchmark used to distinguish "credible commitment" from "token compliance" in heavy-industry ratings.

Aligned SDGs: **SDG 9** **SDG 13**

MEDIUM

Publish Annual GRI/TCFD-Aligned Sustainability Report

Transparency +15–25 pts

No GRI Standards, TCFD framework, or CDP disclosure found. Annual third-party assured reporting is now expected of all Tier-1 permitted emitters under Kazakhstan's Environmental Code revision (2022), and required for S&P 500 supply-chain ESG audits.

Aligned SDGs: **SDG 16** **SDG 17**

Note: These recommendations are generated by EcolQ's AI gap-analysis engine using pillar score thresholds and publicly available evidence. They are indicative only and do not constitute formal environmental or legal advice. Full due diligence by qualified environmental consultants is recommended before implementation.

SECTION 9

UN Sustainable Development Goal Alignment

SDG mapping across 0 environmental projects — 0 goals addressed



Active SDGs (coloured) are those directly addressed by at least one project. Greyed tiles are not yet covered by current project portfolio.

| # | GOAL | STATUS |
|---|------|--------|
|---|------|--------|

{# ===== PAGE 11 —

EVIDENCE APPENDIX

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Evidence & Verification Register

0 documents — 0 verified · 0 pending · 0 rejected



No evidence documents on record.

{# ===== FINAL PAGE —
METHODOLOGY & DISCLAIMER
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Scoring Methodology

How EcoIQ scores are computed and what they measure

| PILLAR | WEIGHT | WHAT IT MEASURES |
|----------------------------|------------|---|
| Pollution Footprint | 35% | Total greenhouse gas emissions, PM2.5, NOx, SOx relative to sector benchmarks. Lower absolute pollution = higher score. |
| Reduction Progress | 25% | Year-on-year decline in emissions intensity. Captures the rate of improvement — essential for Paris Agreement alignment. |
| Investment | 20% | Environmental capex as % of annual revenue, including clean energy, efficiency upgrades, and remediation. MSCI benchmark: $\geq 1\%$ for "credible commitment". |
| Transparency | 10% | Quality of public environmental disclosures. Covers GRI alignment, CDP filings, third-party assurance, and public audit availability. |
| Community Impact | 10% | Measurable benefit to communities: households with clean heating access, air quality improvement, water safety, employment in clean economy. |

Tier Classification

| Score Range | Tier | Meaning |
|---------------|----------------------------------|--|
| 85–100 | Restorative Leader | Net-positive impact — actively restoring ecosystems beyond compliance. |
| 70–84 | Transition Leader | On a credible Paris-aligned trajectory with demonstrated investment. |
| 55–69 | Improving but Polluting | Positive trend but material pollution burden remains. Structural improvement needed. |
| 40–54 | High Impact / Weak Repair | High pollution footprint with insufficient remediation investment. Regulatory risk elevated. |
| 0–39 | Major Polluter | Among the highest-impact emitters with minimal evidence of remediation. Immediate action required. |

Disclaimer. This report is generated by the EcoIQ Environmental Intelligence Platform using publicly available data, government records, and company-submitted evidence. All scores, tiers, and recommendations are indicative. EcoIQ does not guarantee the completeness or accuracy of underlying data. This document is for informational purposes only and does not constitute investment, legal, or environmental compliance advice. For regulatory purposes, engage a certified environmental auditor.

Data period: . Generated: June 3, 2026. Company: AES Ekibastuz.