



GEOTHERMAL RISING

Geothermal Rising New Tech Awards Applicant Guidance Document

Thank you for your interest in the Geothermal Rising New Tech Awards. This guide will help you prepare a strong and complete submission for consideration. Please review all sections carefully before submitting your technology.

1. Overview of the New Tech Awards

The New Tech Awards recognize groundbreaking geothermal innovations that advance the field through improved performance, efficiency, sustainability, or cost reduction. Technologies may be submitted under one of two categories:

- **Subsurface Technologies**
- **Surface Technologies**

Submissions will be evaluated based on innovation, impact, technical merit, field readiness, and supporting evidence.

2. Eligibility Requirements

To qualify for consideration:

- The technology must relate directly to geothermal exploration, development, production, monitoring, power generation, or heat use.
 - Submissions must be original and developed by the applicant or their organization.
 - The technology should be at **TRL 4 or higher** (lab validation or beyond). Lower TRLs may be considered in exceptional cases.
 - All required submission materials must be included.
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3. Submission Components

A complete submission must include the following sections:

A. Technology Information

- **Technology Name**
- **Submitting Organization**
- **Primary Contact Information** (name, email, phone)
- **Category Selection:** Subsurface or Surface

B. Technology Summary (150–250 words)

Provide a clear, high-level description of the technology, including purpose, unique value, and core capabilities.

C. Problem Statement

Explain the challenge, gap, or industry need your technology addresses.

D. Key Features & Innovations

List the primary technical or operational innovations that distinguish your technology.

E. Technology Readiness Level (TRL)

Specify your current TRL and describe the work completed to reach that level.

F. Evidence of Performance

Provide supporting results such as:

- Field trials
- Lab validation
- Published papers

- Third-party reports
- Peer-reviewed data

G. Commercial Status

Describe whether the technology is currently:

- Conceptual
- In prototype
- In pilot testing
- Commercially available

H. Supporting Materials (optional but encouraged)

Accepted attachments include:

- Technical data sheets
- Diagrams or schematics
- Case studies
- Letters of support
- Test results

I. Recognition Statement

Explain in 3–5 sentences why your technology merits recognition as a leading geothermal innovation.

4. Judging Process Overview

February 1 – April 30

- Early submissions are screened.
- Qualified applicants may receive follow-up questions from judges regarding technical details.
- Newly submitted technologies continue to be evaluated and qualified/disqualified.

April 30 – June 30

- Judges conduct in-depth review of all Phase 2 finalists.
- Technologies are evaluated for impact, readiness, and innovation.
- Final selections are made for Spotlight Recognition in Subsurface and Surface categories.

Notification

Winners will be notified in **early summer 2026**.

5. Evaluation Criteria

Judges will assess submissions using the following criteria:

- **Innovation:** Novelty, ingenuity, and advancement beyond existing solutions.
 - **Impact:** Potential to influence geothermal development, efficiency, cost, or sustainability.
 - **Technical Merit:** Soundness of design, engineering, and supporting data.
 - **Readiness:** Practical applicability and progress toward deployment.
 - **Supporting Evidence:** Strength and credibility of validation materials.
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6. Tips for a Strong Submission

- Be concise but thorough—clarity matters.
 - Provide data or documentation whenever possible.
 - Highlight what makes your technology unique rather than incremental.
 - Clearly connect your technology to geothermal applications.
 - Ensure all contact information and attachments are complete.
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7. How to Submit

Submit all materials through the official submission portal linked on the Geothermal Rising website. Incomplete submissions may not be evaluated.

For additional questions, please contact the Geothermal Rising Awards Team at awards@geothermal.org. We look forward to reviewing your innovative technologies and celebrating geothermal excellence.