

How to Participate in Mazama EMPOWER

Economic Mobilization: Partnered Opportunity, Workforce & Enterprise Readiness

Mazama EMPOWER is Mazama Energy's economic development program designed to help local businesses, service providers, and skilled trades participate directly in geothermal drilling and field operations, building durable in-state capacity and long-term economic benefits.

About Mazama Energy

Mazama Energy is a geothermal operator and development company advancing next generation technologies to deliver reliable, carbon free, baseload energy from deep geothermal resources. In Central Oregon, Mazama is advancing development at the Newberry Volcano geothermal site, a well characterized resource with decades of scientific data and existing geothermal infrastructure, where the company has successfully demonstrated SuperHot Rock geothermal conditions, drilling the world's hottest EGS (Enhanced Geothermal System) in 2025.

Beginning in Q2 2026, Mazama's work at Newberry includes a planned 3 well drilling and field operations campaign focused on additional high-temperature wells to further validate and scale enhanced geothermal systems. These near-term activities build on prior drilling, workover, and testing operations at the site and are expected to expand over time into a multi-well development program as technical milestones are achieved and permits allow.

As development progresses, Newberry is expected to support a sustained sequence of drilling, construction, logistics, and long-duration field operations over multiple years. This long-term trajectory requires a wide range of services - from site preparation and civil works to transportation, utilities, equipment rentals, and specialized industrial support - creating ongoing opportunities for skilled local and regional partners to participate as the project evolves.

What is Mazama EMPOWER?

Mazama EMPOWER (Economic Mobilization: Partnered Opportunity, Workforce & Enterprise Readiness) is Mazama Energy's economic development program designed to help local businesses participate directly in geothermal drilling and field operations at Newberry, and potentially beyond.

Mazama EMPOWER is about building long-term local capacity - so that as geothermal development expands, more of the work, skills, and economic benefit stay in the communities where projects are located. This isn't just near-term contracting readiness; it's a deliberate foundation for a first-of-its-kind SuperHot Rock commercialization pathway at Newberry, building on demonstrated high-temperature performance and extending into repeatable field operations over time.

As that trajectory scales, Mazama EMPOWER helps ensure the regional workforce and supplier base can scale with it - supporting Newberry's evolution into a world-class SuperHot Rock geothermal hub and strengthening Oregon's role as a world class center for future geothermal development.

Participation in Mazama EMPOWER does not guarantee contracted work, but it creates a clear pathway for local businesses to understand upcoming needs, readiness requirements, and how to engage with Mazama as opportunities arise.

What Mazama Will Do to Help Local Providers Participate

Mazama will actively support local providers in translating capability into job-ready qualification, with an emphasis on clear expectations, predictable onboarding, and safety alignment. This includes:

- **Clarifying requirements early** - We will communicate expected service scopes, field conditions, and operational interfaces so providers can plan staffing, equipment, and compliance investments with confidence as the project evolves.
- **Providing Health, Safety and Environment (HSE), and permit-to-work guidance** - Mazama maintains a Newberry Operations Permit to Work System and HSE Requirements framework that defines safety and environmental requirements for field operations. Mazama will guide providers in understanding these expectations as part of mobilization and site participation readiness
- **Reducing "readiness friction"** - Where local firms have strong operational capability but limited experience with energy-sector documentation, onboarding norms, or compliance workflows, Mazama will help bridge gaps by explaining what's required, why it matters, and how to sequence readiness steps to avoid schedule delays.
- **Building durable in-state capacity** - Mazama EMPOWER is designed to help businesses participate directly in field operations while building long-term local capacity and economic benefit as Newberry advances.

Certification / Qualification Readiness (How Providers Get “Site-Ready”)

Many Newberry service categories require providers to be capable of operating in a safety-critical industrial environment with time-sensitive execution windows. Mazama will support local providers by offering a straightforward readiness pathway that typically includes:

- Baseline compliance alignment to Mazama’s Newberry field requirements (including applicable HSE expectations and permit-to-work practices).
- Documentation readiness so vendors can respond quickly when scopes arise (e.g., safety plans, training records, insurance and licensing documentation, equipment inspection/maintenance records—exact requirements vary by scope). (Examples are illustrative; align to Mazama’s formal requirements during onboarding.)
- Operational fit & sequencing, ensuring the provider’s services can integrate with drilling milestones and field logistics (often short-notice, intermittent-but-recurring needs across a multi-well program).

Bridging the Gaps: Practical Support for Local Businesses

Mazama’s goal is to ensure that “local” does not mean “left out” due to preventable barriers. Through EMPOWER, Mazama will:

- Translate complex requirements into plain language so providers understand expectations without needing prior geothermal experience.
- Identify capability matches between local businesses and the service categories required at Newberry, helping firms target the most realistic near-term entry points (and identify what additional readiness steps may unlock future scopes).
- Promote continuity and learning across seasons, enabling local providers to build experience in phases - starting with achievable scopes and expanding over time as the project scales.

How Mazama EMPOWER Works (At a Glance)

1. **Identify local services and service providers** that can support drilling and field operations
2. **Share information** on upcoming service categories and expectations
3. **Invite local businesses** to share capabilities and qualifications
4. **Align readiness** (safety, equipment, staffing, documentation)

5. **Compete scopes** through standard procurement processes when work is available

Services Commonly Required for Geothermal Projects

Based on Mazama's current planning and local services inventory, geothermal projects typically require support across the following service categories. These needs evolve over time and vary by project phase.

Site Preparation & Civil Works

- **Pad construction and earthworks** – grading, excavation, and site preparation
- **Road construction and maintenance** – access roads, upgrades, and upkeep
- **Cellar construction** – excavation and structural work for wellheads

Logistics, Equipment & Rentals

- **Equipment rentals and services** – forklifts, manlifts, light plants, generators, skid loaders
- **Cranes and lifting services** – rig-up, heavy lifts, and specialized handling
- **Trailers and temporary offices** – field offices, storage, and meeting spaces
- **Hydrovac services** – non-destructive excavation and cleanup support for site and utility work
- **Vac tanker services** – transport support for fluids and site operations as required

Utilities & Site Services

- **Water supply and water hauling** – drilling and site operations
- **Drinking water supply** – potable water delivery and servicing for rotating crews
- **Water well maintenance** – inspection and upkeep of pumps and site water systems
- **Water well drilling** – development of water wells and supporting infrastructure as needed
- **Fuel supply and fuel management** – diesel and on-site fuel services
- **Power generation and temporary utilities** – site power, lighting, and backup systems

Transportation & Material Handling

- **Trucking and hauling** – equipment, materials, and consumables
- **Hotshot trucking** – time-critical deliveries to prevent operational downtime
- **6x6 truck hauling (winter)** – specialized hauling capability for winter access and continuity
- **Winch/pole truck services** – specialized moves and recovery support when required
- **Casing yards and tubular transport** – storage, handling, and delivery
- **Warehousing and staging** – local yards for equipment and materials

Workforce & On-Site Support

- **Roustabout and general labor services** – rig and site support
- **Gate guard and site security** – access control and safety monitoring
- **Camps and accommodations** – housing and support facilities for crews
- **Portable restrooms** – delivery and servicing of sanitation units for extended field operations

Mechanical, Fabrication & Specialty Services

- **Machine shop services** – cutting, threading, inspection, and fabrication
- **Welding and fabrication** – on-site and off-site support
- **Mechanics / mobile maintenance** – repair and service support for field equipment and vehicles
- **BOP testing and pressure testing services** – safety-critical equipment testing
- **Casing Running Services** – specialized crews and equipment to install multiple casing strings safely and efficiently during 24-hour drilling operations
- **Drill Cuttings and Drilling Fluid Management** - continuous handling, management, transport, and disposal of drill cuttings and excess fluids to maintain safe, compliant, and uninterrupted drilling operations

Environmental & Waste Services

- **Waste management and disposal** – solids, fluids, and general waste

- **Water treatment and septic services** – site sanitation and compliance
- **Environmental monitoring and support services** – as required by project scope
- **Stormwater services** – erosion/runoff controls and compliance support during wet-weather periods

Communications & Data

- **Telecommunications and connectivity** – internet, data links, site communications
- **Data and monitoring support services** – project-specific systems as required

This list reflects typical service categories and is not exhaustive. Additional services may be required depending on project phase, location, and schedule.

Further information on each service category can be found in an additional document: Services Supporting Mazama’s Newberry Operations

Who Should Participate?

Mazama EMPOWER is intended for:

- Local and regional service providers
- Construction, logistics, and industrial service companies
- Businesses with experience in energy, drilling, construction, mining, or heavy industry
- Companies interested in expanding capabilities to support geothermal projects

What We Look For (At a High Level)

When opportunities arise, Mazama typically considers:

- Relevant experience and capabilities
- Commitment to safety and quality
- Availability of personnel and equipment
- Ability to meet geothermal project schedules – which can operate 24/7, 365 days of the year
- Readiness to work under standard commercial and regulatory requirements

Mazama provides project specific details through formal Requests for Quotation (RFQs) or similar processes

Interested in Participating?

Local businesses interested in Mazama EMPOWER are encouraged to:

- Complete the Mazama EMPOWER Vendor Interest & Capability Web Form – <https://www.mazamaenergy.com/empower>
- Identify relevant experience and equipment
- Be prepared to engage in future RFQs if opportunities align

The Future is Built on Partnerships

Mazama Energy believes Newberry can become a world-class center for SuperHot Rock geothermal innovation and operations - and we want qualified local and regional service providers to be part of building that foundation. Through Mazama EMPOWER, Mazama engages vendors across the service categories needed to support geothermal drilling and site operations; interested businesses can participate by sharing capabilities and relevant qualifications so Mazama can align providers to upcoming scopes as appropriate, subject to safety, technical, and commercial requirements and standard procurement processes. Participation in Mazama EMPOWER is not a guarantee of contracted work, but it is a clear, practical pathway to compete and grow alongside a long-duration development effort at Newberry.