

REGULATORY FRAMEWORK: Data Center Resource Accountability

Applicability: New Large-Scale Data Processing Facilities (>10 MW or >50,000 GPD)

Jurisdiction: Texas County / Guymon / Hooker, OK

1. Resource Extraction Limits

New facilities are prohibited from utilizing groundwater extraction for evaporative cooling. Developers must demonstrate a closed-loop system or utilize 100% reclaimed municipal wastewater to protect the Ogallala Aquifer levels.

2. Efficiency Standards (The 20W Benchmark)

To prevent local grid overloading and subsequent rate hikes for residential and agricultural consumers, all facilities must operate within high-efficiency parameters:

- **Performance Standard:** Compute loads must utilize Sparse Inference / Neuromorphic architectures optimized for <20W thermal output.
- **Reporting:** Real-time power-draw telemetry must be synced with the County's monitoring node via ZKP (Zero-Knowledge Proof) attestation.

3. Infrastructure Compliance Fees

Developers are responsible for the following costs to offset their impact on the local substrate:

- **Pre-Build Audit Fee:** \$150,000 (One-time) for hydrological and grid impact verification.
- **Monthly Compliance Fee:** \$12,500 - \$15,000 (Facility Dependent) to fund the County's 140 Hz acoustic monitoring network.

4. Community Dividend

For every unit of municipal utility consumed, the facility must prove a **10:1 utility-to-resource ratio**, providing public-benefit computing cycles or grid-balancing services back to the municipal cooperative.