



DATA

Demand-Adjusted Technology Advantage

PURPOSE

The **Demand-Adjusted Technology Advantage (DATA)** promotes the establishment of data centers within Heartland Energy's service territory, specifically targeting those capable of meeting interruptible rules. This initiative ensures reliable and cost-effective energy, minimizes risks, and meets many market expectations of eligible data centers. Communities must have available land to promote incentive. Data centers with 10 MWs of load typically occupy 2 acres of land.

ELIGIBILITY

To qualify for the DATA rate, data centers must:

- Be located within Heartland Energy's current service territory
- Have a peak load of at least 5 MW
- Maintain an 80% load factor
- Possess the capability to be interrupted as outlined below
- Pay for all system improvements and study deposits for transmission and distribution systems

DEMAND RESPONSE REQUIREMENTS

Heartland requires data centers be capable of participating in demand response programs within their respective regional transmission organization (RTO). The data center must perform quarterly tests to demonstrate interruptibility and have the ability to reduce power consumption during emergencies as dictated by the RTO. The regular testing will determine the minimum load of the data center, aligning with Heartland's capacity requirements.

RATE STRUCTURE

The eligible data center has a DATA rate structure, which includes:

- A market-based energy rate with \$0.01/kWh adder
- A demand charge set at the minimum load
- Pass-through transmission, wheeling and RTO market costs

AGREEMENT AND MONITORING

Participating data centers must:

- Sign an agreement with the municipal utility served by Heartland
- Comply with performance monitoring and testing requirements
- Obtain all market intelligence
- Respond to interrupt signals

This structure ensures that data centers can operate efficiently while contributing to the stability and reliability of the energy grid.

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