



## Turn Your Mine into a Sustainable, Carbon-Reducing Asset with **Demand Response**

Earn revenue for helping the electric grid.  
Reduce Carbon. Pay no out-of-pocket costs.  
**CPower can show you how.**

Like so many commercial sectors in the US, the mining industry is seeking ways to use less energy and be more sustainable with its operations.

By participating in demand response, mines have the opportunity to do both AND earn revenue while helping to improve the electric grid's reliability in the process.

### What is Demand Response?

Demand response programs pay organizations for using less energy when electric demand on the grid exceeds the grid operator's ability to supply it or when electricity prices are high.

When notified, participating organizations reduce their electric consumption according to a predetermined curtailment plan and receive significant compensation for their efforts.

### How does demand response participation increase a mine's sustainability profile?

By participating in demand response, mines are effectively reducing their carbon footprint by helping the electric grid stay balanced without having to burn fossil fuels to produce electricity.

CPower can help miners track exactly how much carbon dioxide pollution their facility is helping the grid avoid by participating in demand response.

## Why are mines ideal candidates for demand response participation?

### 1. Size

- Many mines have the ability to curtail large amounts of electric load.
- By contributing large electrical loads, miners have the potential to earn significant revenue for their participation in demand response.

### 2. Sustainability:

- By participating in demand response, miners are consuming less electricity when its cost is typically at its highest.
- The revenue earned from demand response greatly offsets a mine's energy spend.

### 3. Technology:

- Most new facilities already have mine management software.
- A simple API integration with CPower can enhance mine management software and maximize demand response value.
- Mine controls' capability pairs well with CPower's Link dispatch API and enables operations to automatically respond and dynamically adjust to grid stress and pricing opportunities.

### 4. Operational Flexibility:

- Mines have operational flexibility of their loads that enables them to earn significant demand response revenues in all deregulated energy markets.
- CPower's team of engineers will assess your mines and help create a customized curtailment plan.
- CPower will help determine when it makes sense to reduce mining loads to help the grid and take advantage of multiple energy markets' earning and savings opportunities.
- With CPower's AI-driven site-scheduling platform Enerwise, curtailment schedules can be fully automated based on day-ahead and real-time energy market pricing and pre-determined strike prices at the site level.

**How much can your mine earn and how can your organization increase its sustainability profile by participating in demand response?**

**Contact CPower** for a no out-of-pocket collaboration to enable earnings and savings strategies and improve grid resiliency.

Call us at **844-276-9371**  
or visit **[CPowerEnergy.com/contact](https://cpowerenergy.com/contact)** to find out.