



# LoCap Energy

Energy Storage & Efficiency Solutions

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# SMU Geothermal Lab

## Localized Energy Industry

Generation

Storage

Efficiency

Energy Security

**Mission**

# What is Peak Shaving?

Demand vs.  
Consumption Energy Bill

## Monitoring Usage

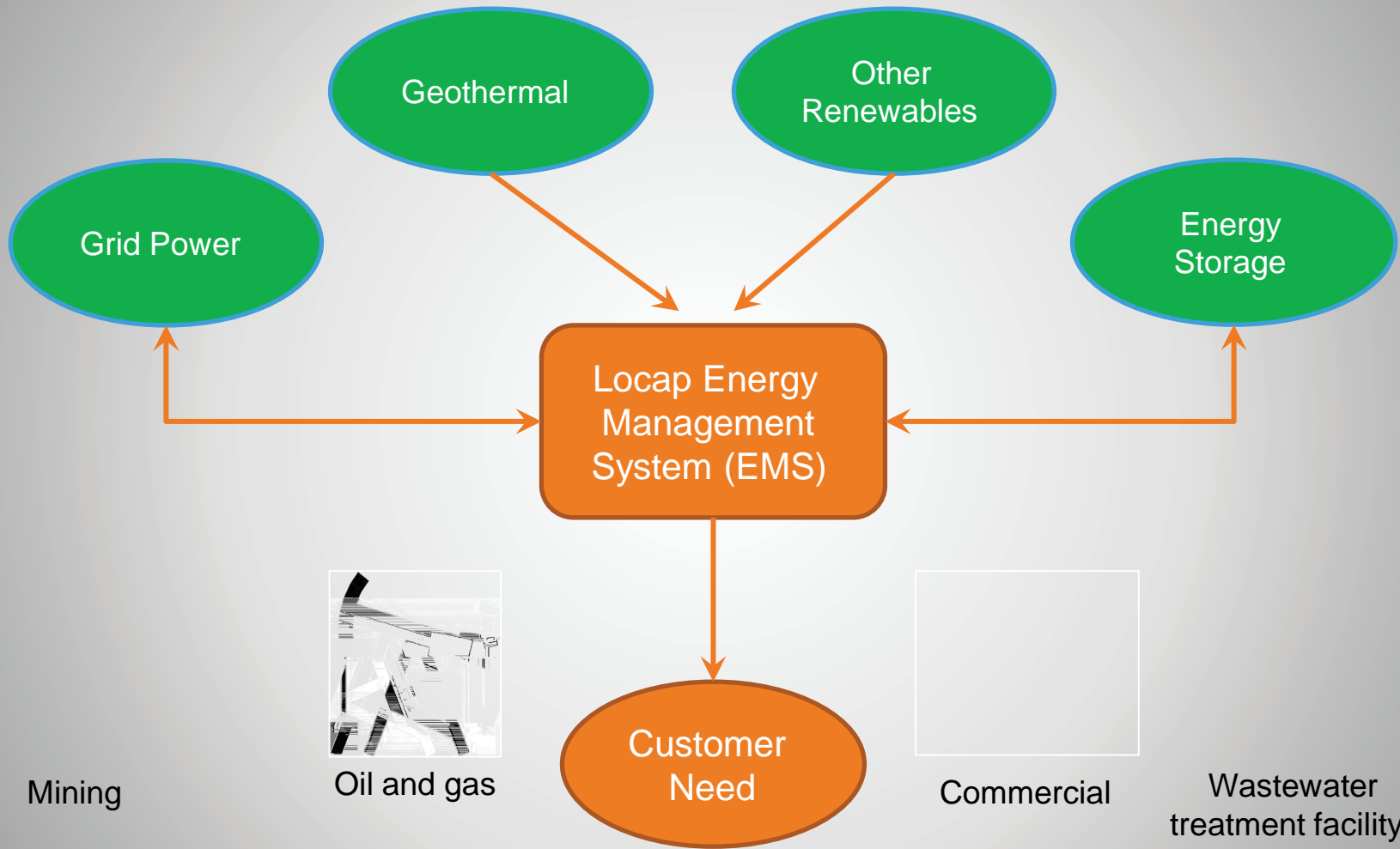
Predict Demand

- Load Shedding
  - Redistribute & Prioritize Load Schedule
- On-site Generation
  - Additional Energy Available

# Energy Management Overview



# Energy Storage Overview



# Vision

## End to End Solutions

Systems tailored to meet individual customer needs

On-site energy requirements

Available on-site resources

Waste heat generator with LoCap back end storage

## Advantages LoCap vs. Traditional Peak Shaving Solution:

Intelligent, data driven battery bank system used for energy storage & usage monitoring.

# LoCap Peak Shaving System

- TX Injection Well Project

**Current Endeavors**

# Thank You!

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**Questions?**