

# LoCap Energy

Energy Storage & Efficiency Solutions

Presenters:

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# SMU Geothermal Lab

## Localized Energy Industry

Generation

Storage

Efficiency

Energy Security

## Current Need -> Fossil Fuels

Energy Density

Infrastructure

## Reason for Participation

Integrators seeking feedback

**Mission**

# What is Peak Shaving?

Demand vs.  
Consumption Energy Bill

## Monitoring Usage

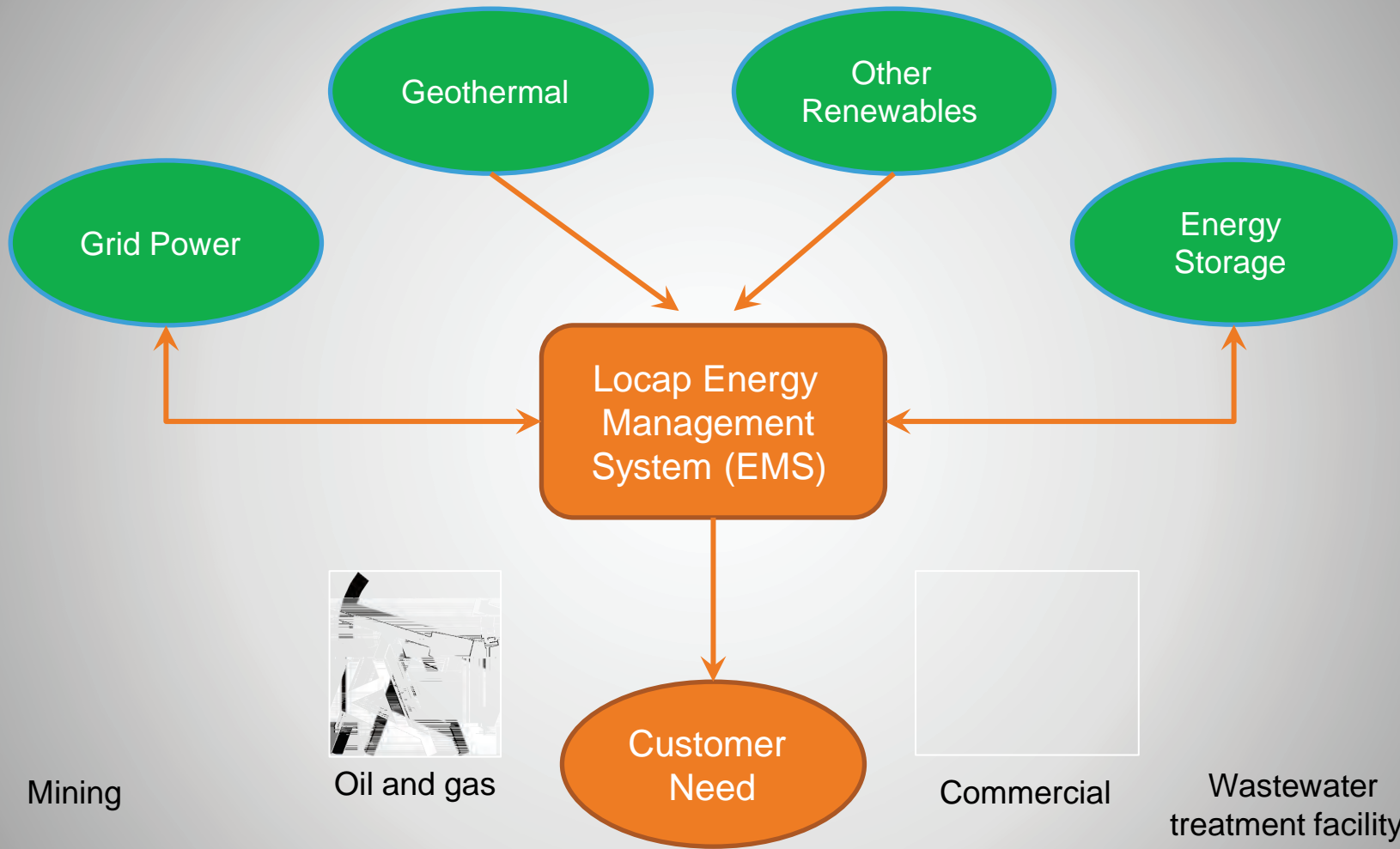
Predict Demand

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

# Energy Management Overview



# Energy Storage Overview



# Vision

End to End Solutions

**LoCap Peak Shaving System**

- TX Injection Well Project

**Current Endeavors**

# Thank You!

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**Questions?**