

LoCap Energy

Energy Storage & Efficiency Solutions

Presenters:

Jeff Dye & Dexter Jacobs

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

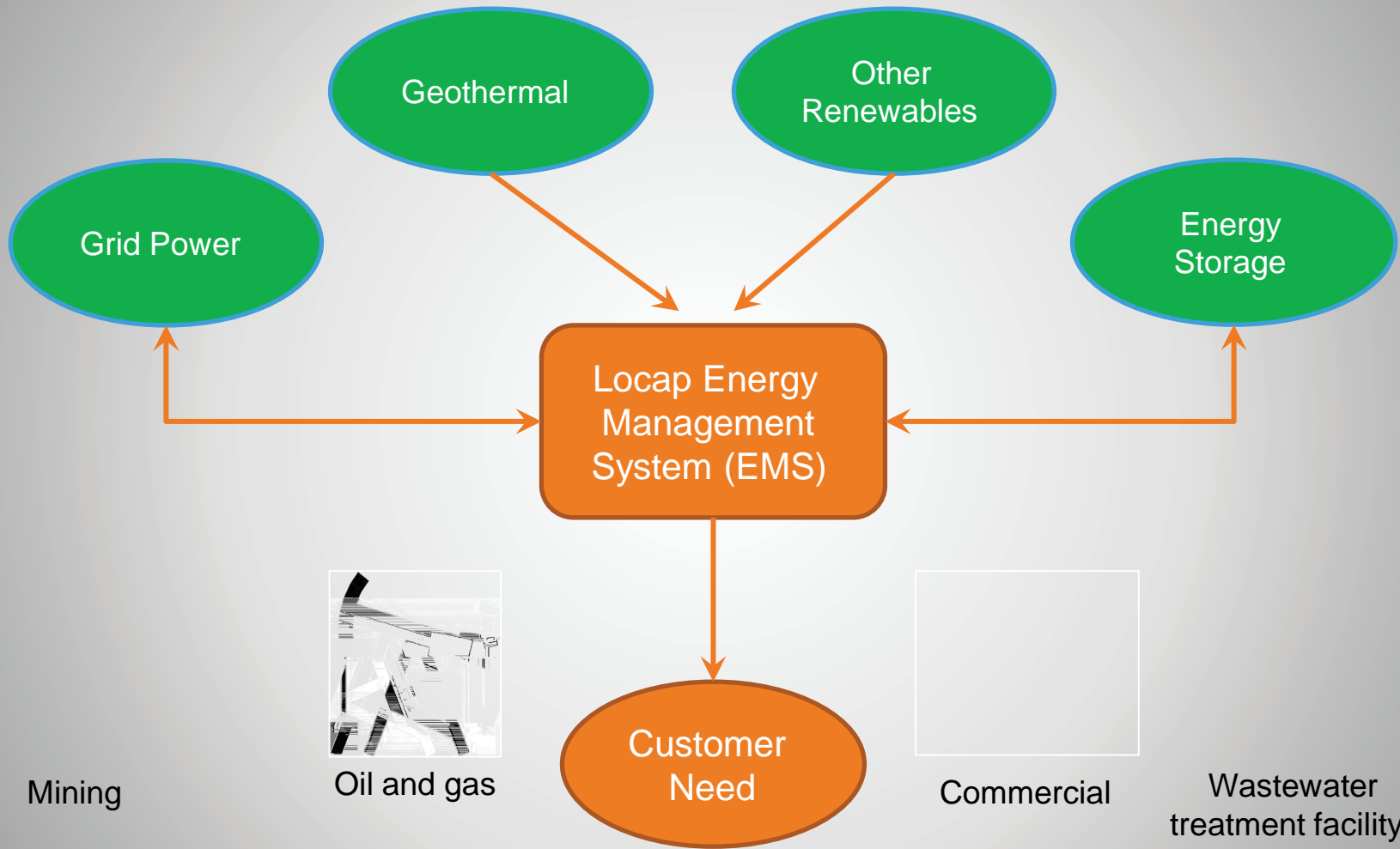
Predict Demand

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

Energy Management Overview



Energy Storage Overview



Vision

End to End Solutions

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!

LoCap Energy, LLC: www.locapenergy.com

Jeff Dye: jeff.dye@locapenergy.com

Dexter Jacobs: dexter.jacobs@locapenergy.com

Questions?