Cleco Corporation (CNL)

Two primary subsidiaries
Balance sheet: $2.7 billion
Market cap: $1.5 billion

Integrated, regulated electric utility serving 270,000 customers in Louisiana for over 70 years

Wholesale generation subsidiary with 1,355 MW of capacity
Overview of Rodemacher Unit 3

- 600-MW, solid-fuel power generator
  - Incorporates Circulating Fluidized-Bed (CFB) Technology
    - Foster Wheeler design
    - State-of-the-art pollution controls
- Expected commercial operation:
  - mid-to-late 2009
Why Cleco started looking at Geothermal Energy Projects

• Distributed Generation
Distributed Generation

- Generation located close to load pocket
- Increase Voltage Control
- Decreased line loses
- Enable the Electrification of remote regions
Why Cleco started looking at Geothermal Energy Projects

• High Reliability
High Reliability

- Increased Capacity Factor
- Storm Risk Management
Why Cleco started looking at Geothermal Energy Projects

• Renewable Requirements
Renewable Requirements

- Figure H6. Renewable Portfolio Standards and State Mandates by State, 2007

(a) In Florida the RPS is not statewide.
Note: In a few states, such as Hawaii, Illinois, and Vermont the renewable portfolio standard (RPS) is voluntary. Blank cell indicates there is no RPS or state mandate for that state.
Source: North Carolina Solar Center, Database of State Incentives for Renewable Energy (DSIRE) website: http://www.dsireusa.org (February 6, 2007)
Renewable Requirements

• Wind
• Landfill Gas
• Hydroelectric
• Biomass
Why Cleco started looking at Geothermal Energy Projects

• Carbon Footprint Reduction
Carbon Footprint Reduction

• Climate Change Legislation
Why Cleco started looking at Geothermal Energy Projects

• Economic Development