Lightning Dock Geothermal’s parent, Raser Technologies, successfully emerged from bankruptcy reorganization.

New name, new company.
Location

Lightning Dock
Geothermal
Planned Well Field

Well – Production
Well – Injection
Well – Monitoring Operations

45-7 (drilled 2011)
53-7 (drilling now)
55-7 (drilled 1984)
• 2010: Re-enter, drill, and test 55-7 (original deep well)
• 2010 (summer): MT Survey
• 2010 (fall/winter): Interference Pump Test (3 wells)
• 2010: Ormat Term Sheet
• 2011 (early spring): Completed drilling 45-7
• 2011: 3-D Seismic Survey
• Drilling 53-07 (spudding today)
Well – Pumped & Monitored for 2010 Test
Well – Monitored for 2010 Test
Well – Production
Well – Injection
Well – Monitoring Operations
State Wells 3 & 5 (shallow)

Discharge from State Wells

55-7 (Deep geothermal reservoir)

55-7 Discharge / Irrigation

Interference Pump Test
Provides information to confirm / select future well sites

Natural “cement cap” isolates the deep geothermal water from the groundwater

Confirms significant faulting and fractures in the deep bedrock
Next Steps

- Complete injection well
- Multi well interference test early 2012
- Complete well field drilling in 2012
- Begin engineering in 2012
- Final reservoir testing 2012
- Complete construction 2013
• Challenges with the regulations, but agencies anxious to work together for solutions
• Need “one-stop permitting”
• Still too easy to protest and create significant delays without real cause
• New administration supportive and seeking to reduce regulations that unnecessarily delay or inhibit investment and job creation
• Attractive incentives (Tax Credit / Tax Refund)
• Life after 1603?