



Generating Renewable Energy from Co-Produced Water at Oil & Gas





John Fox, CEO, ElectraTherm





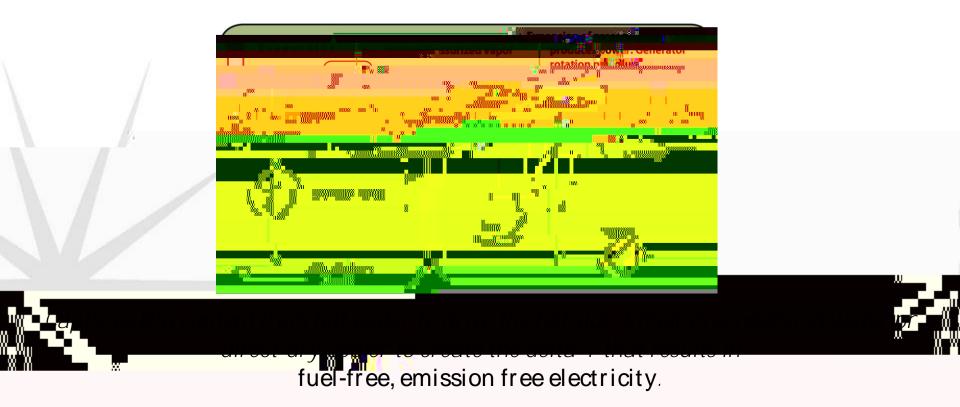




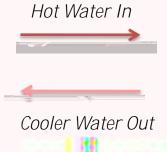


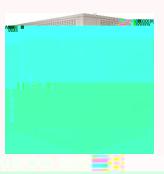
How It Works









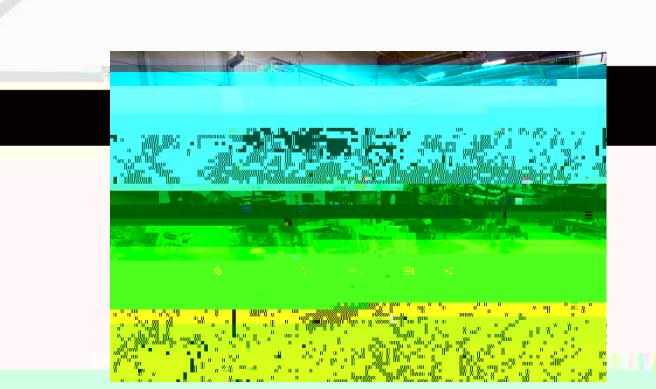




Commercialized Product Ready to Ship



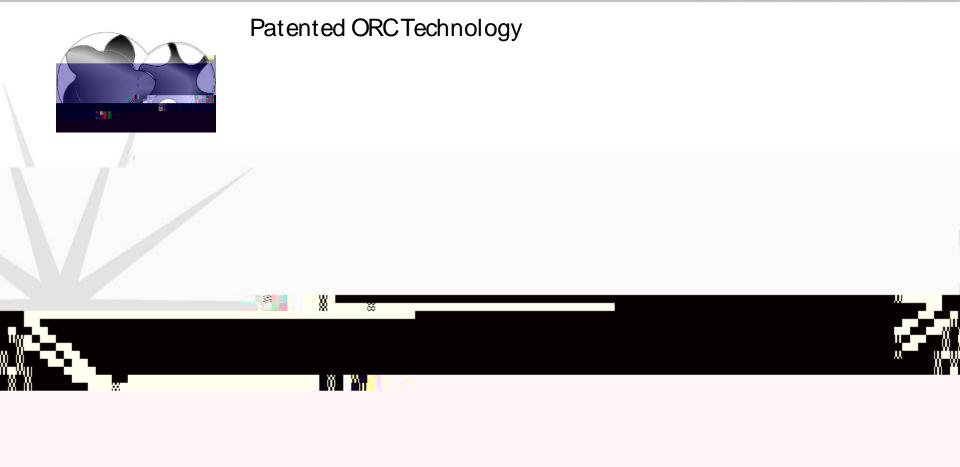
Building on five years of comprehensive product development



ElectraTherm's 4-bay test cell.

IP, Advantages and Working Parameters

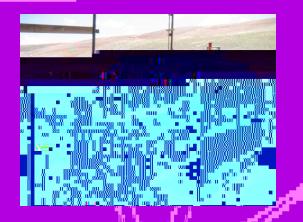


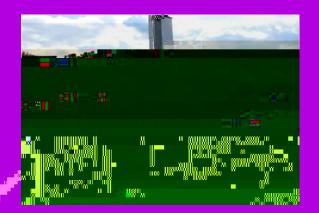


a a she in the second second



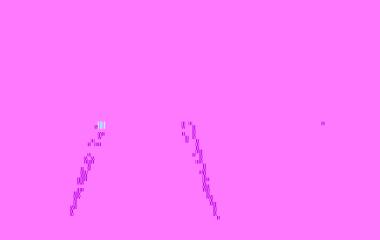
Commissioned Units & Target Markets









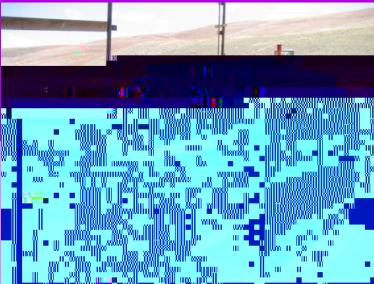




Linux a start in the start of t

9 **-** 10

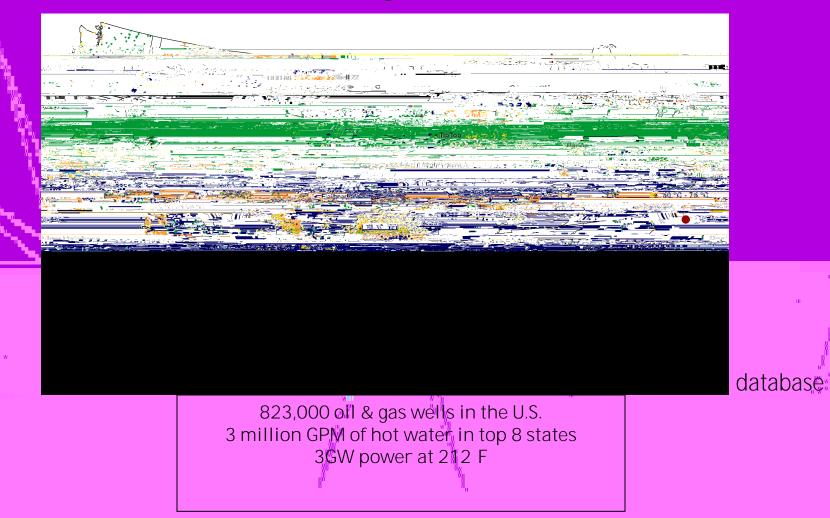




Small-scale power generation from co-produced geothermal fluids

The Opportunity

Co-Produced Water from Existing Wells



The Challenges







Co-Produced Water A Case Study





ingeneration and a second state of the second

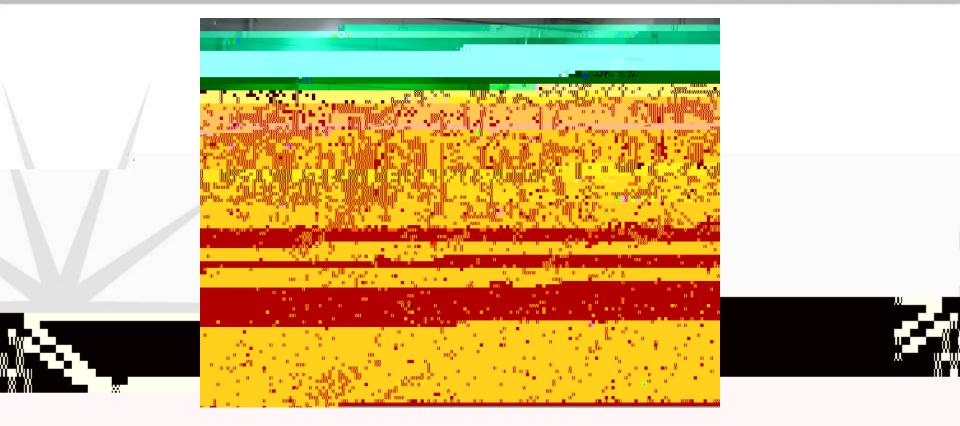






Step by Step through the Process





and the second second second

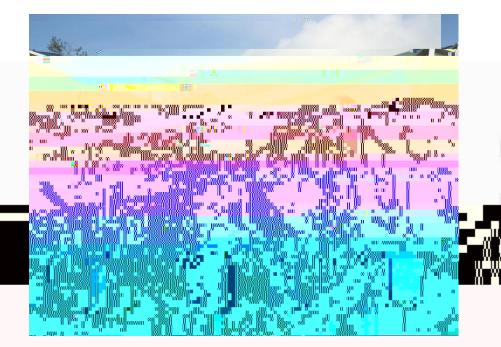


Step by Step through the Process



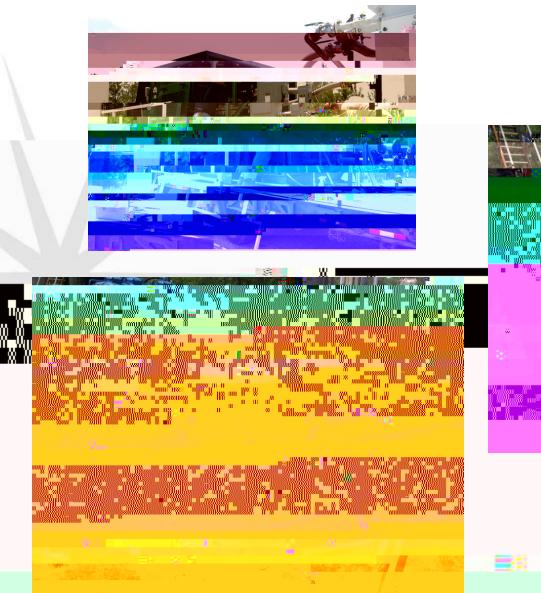






Tuesday, May 24



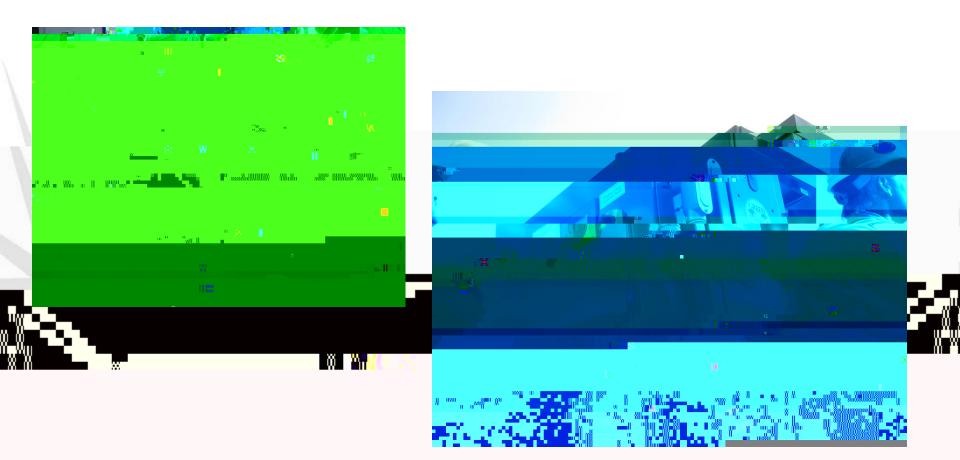


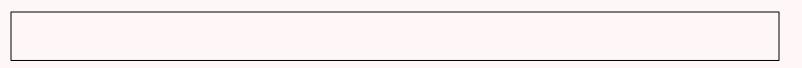


EN LUX

Tuesday, May 24







the second secon



Wednesday, May 25

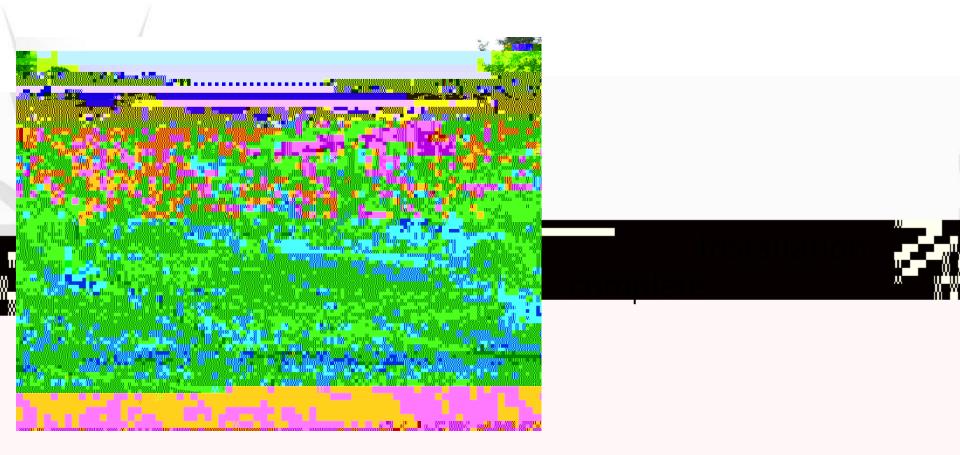






Thursday, May 26

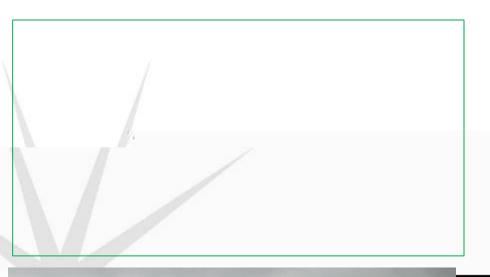




이상에 👪 이상에서 이상에서 🗮 🛱 💦 🔚 🖬 👘 👘 👘

Results





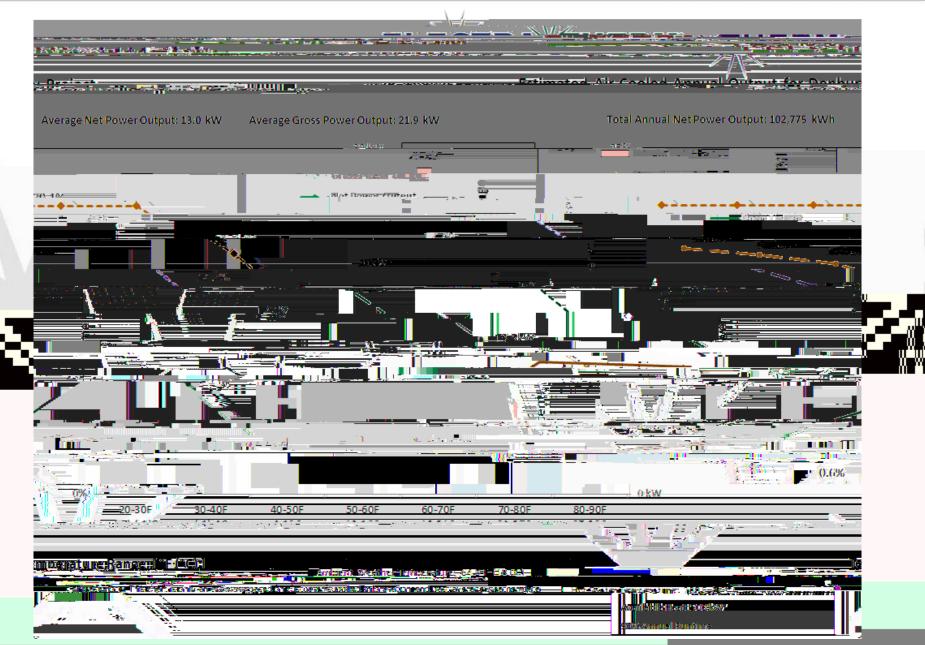




truck bed for a simple plug-and-play upon arrival at the site. The truck arrived at 9 a.m. on Tuesday and the machine was running in

- Dave Mendershausen, Field Engineer, ElectraTherm

Reality of Denbury Site Conditions



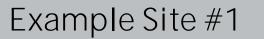
ELECTRA THERM

Lessons Learned to Date

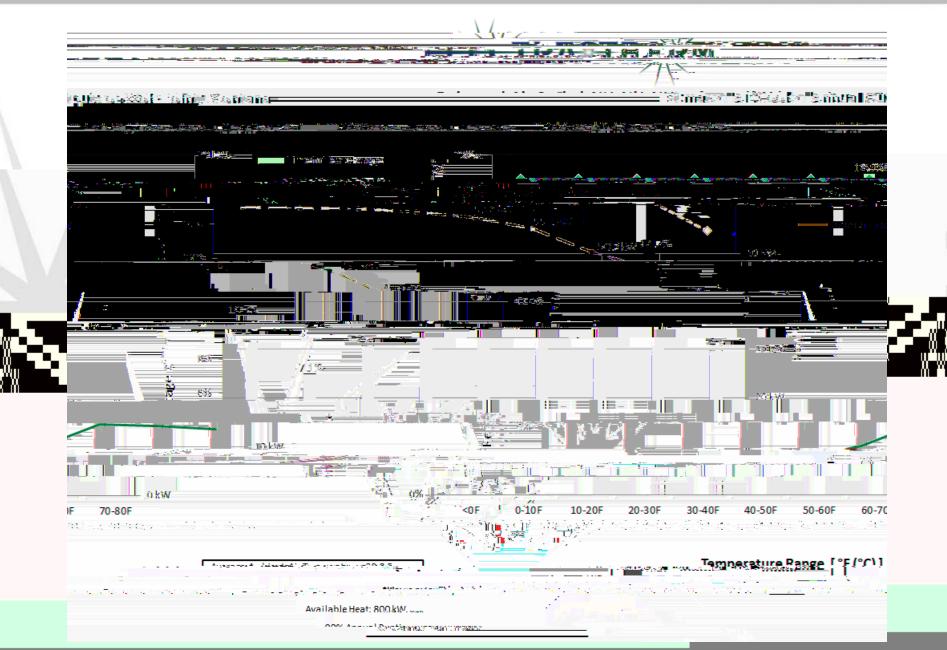
- ELECTRA
- 200F + high ambients = low delta T = derate
- Condenser is undersized (concurrent testing at ET shows ~40% derate)
- Flow is sub-optimal











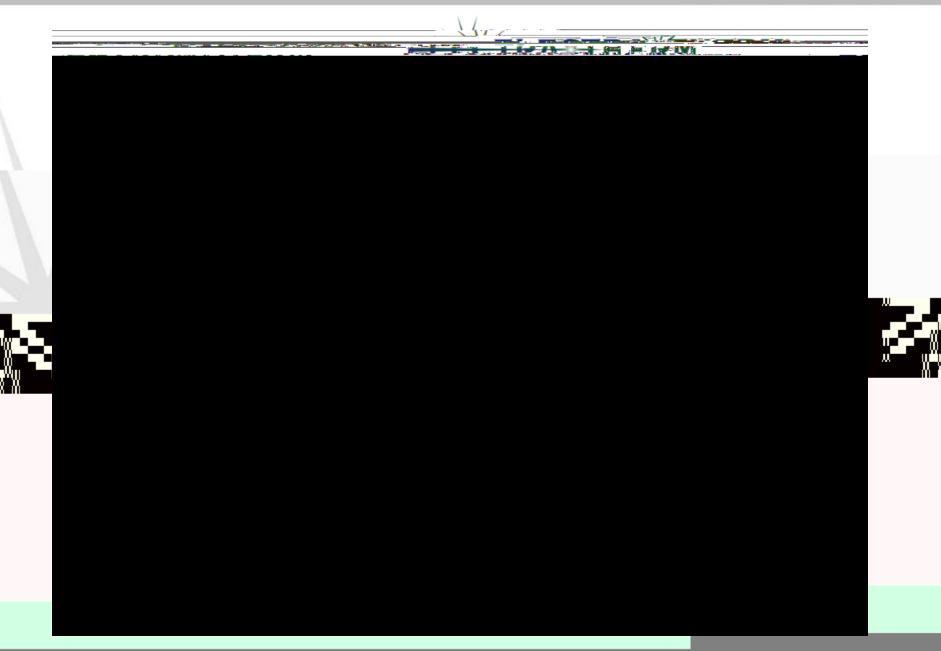
Example Site #2





Example Site #3





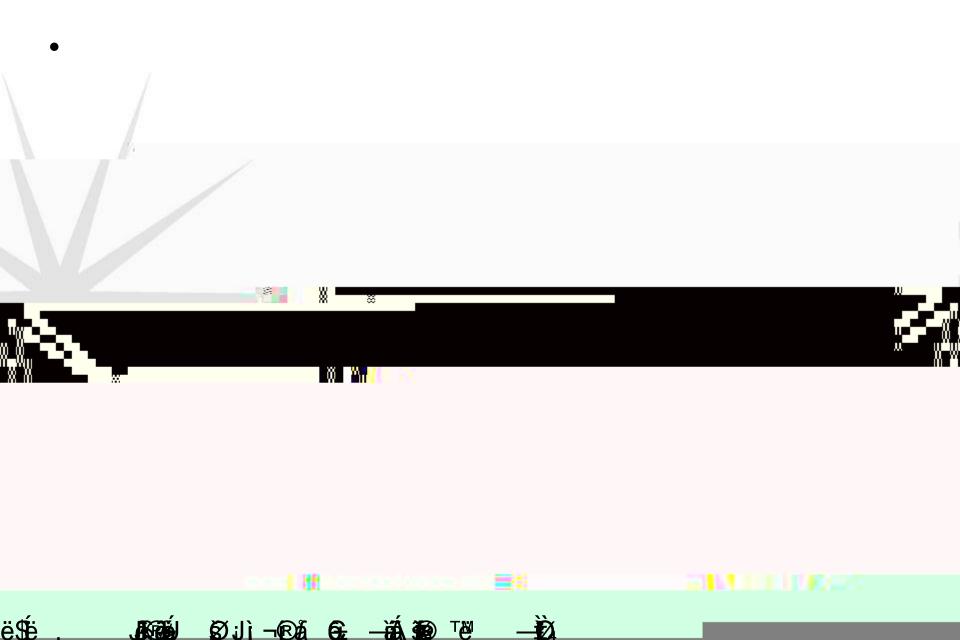






In Summary





ElectraTherm, Inc.



John Fox, CEO

ectratherm.comm

775.398.4680



2009 Green Company of the Year