The Pyramid Lake Solution
How to Grow the Economy, Jobs and Energy

with

Wind, Solar and Geothermal
Nevada Challenges

• Diversify Core Industries
• Expand Revenue Base
• Provide Jobs
• Maintain affordable electricity supplies
• Improve balance of trade (U.S. & State)
• Preserve the Environment
Analysis of Potential Resources

- Step 1 – High Resolution Photography
- Step 2 – Chemical analysis of surface features
- Step 3 – Geological and Geophysical Analysis
- Step 4 – Integration of existing geological data
- Step 5 – Wind analysis in Key areas
- Step 6 – Magnetic Study of specific areas
- Step 7 – Gravity analysis
- Step 8 – Drilling of specific sites
4 MW Binary Organic Rankine Cycle Geothermal Power Plant – Empire Energy
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Geothermal Potential

• Key surface features indicate past geothermal activity
• These structures are typical of those found throughout the lake property
Wind Resources

• Pyramid Lake is an area that also demonstrates a significant potential for wind energy development

• The high altitude makes wind development more difficult even with the high wind speeds.
Additional Issues

- Currently served by a single Investor Owned Utility thereby limiting power sales options.
- Very limited transmission system in all of northwestern Nevada.
- Access to California markets may be possible but will be difficult.
- Potential for a Tribal Owned Utility
Conclusions

• Pyramid Lake is an excellent location for development of various natural energy resources including Wind and Geothermal based electricity generation