Advanced Energy Conference Earth Power...Plugged In

Jens Ponikau, CGD





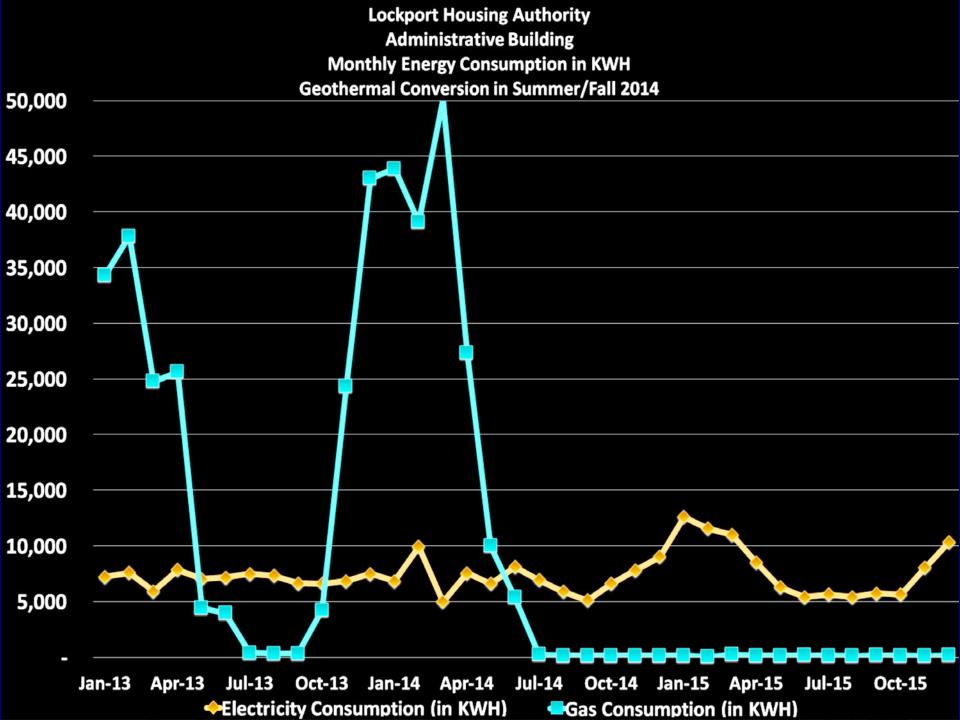
Lockport Housing Authority



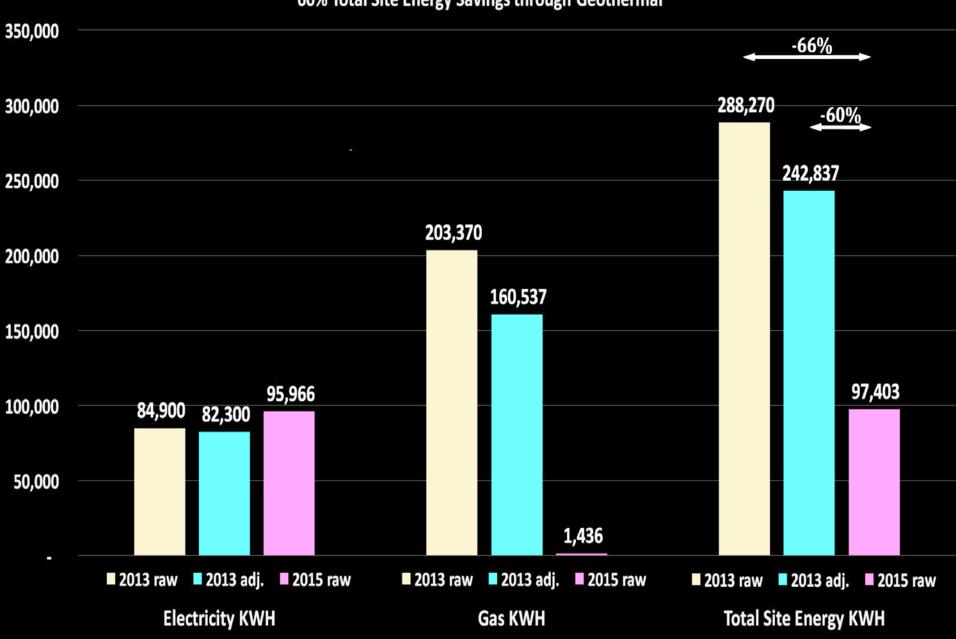
ASHRAE JOURNAL

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Total Site Energy KWH
2013 vs 2015
60% Total Site Energy Savings through Geothermal



Energy Consumption Change

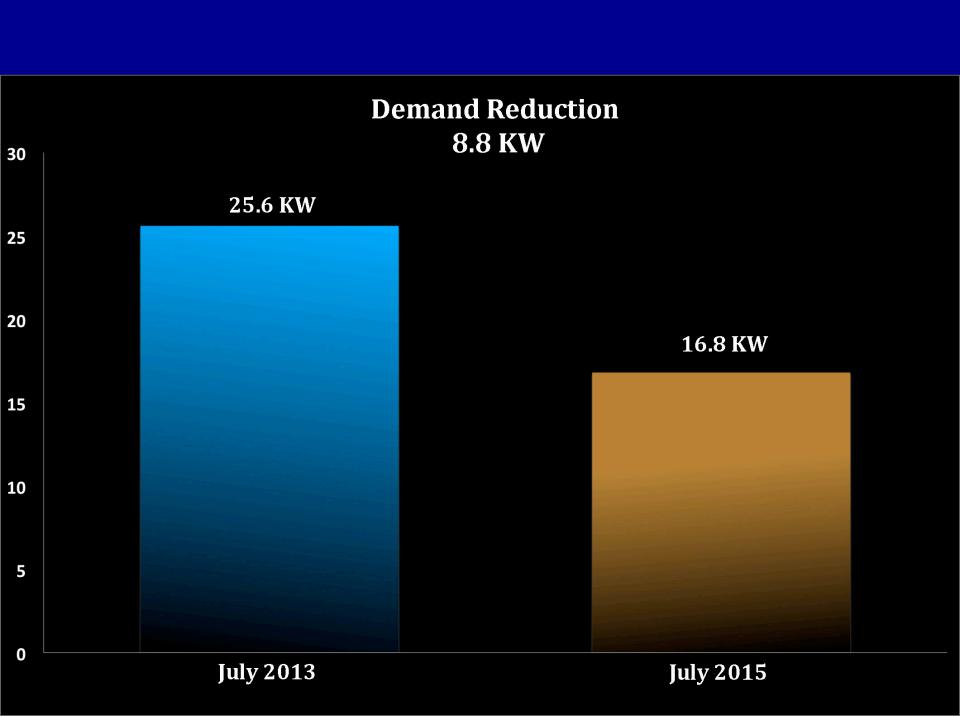
2013 vs 2015 HVAC Energy

13,666

Electric KWH

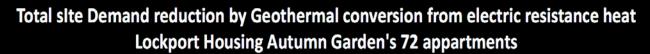
Gas KWH

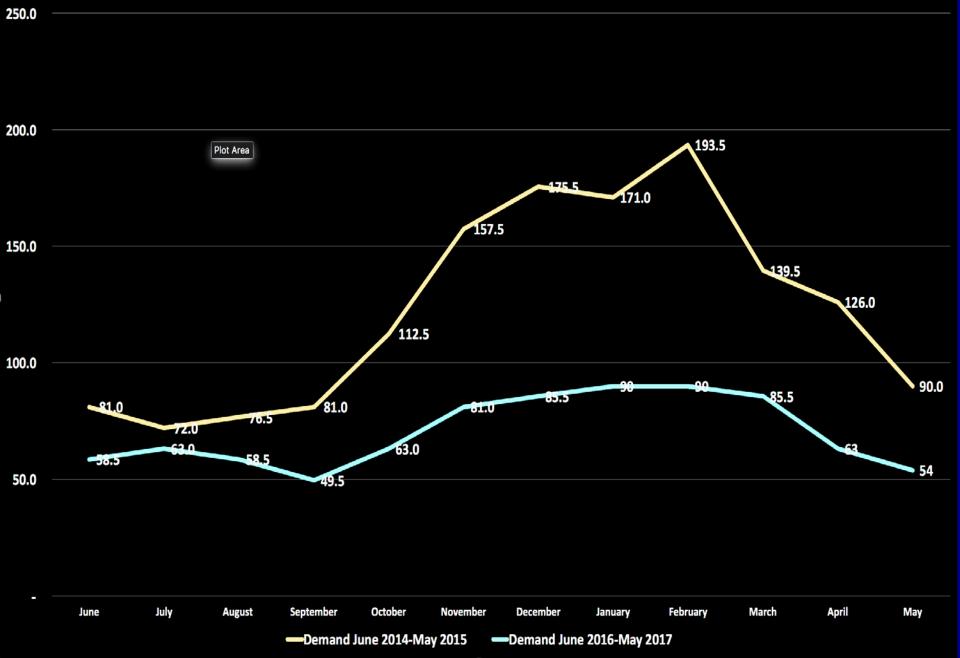
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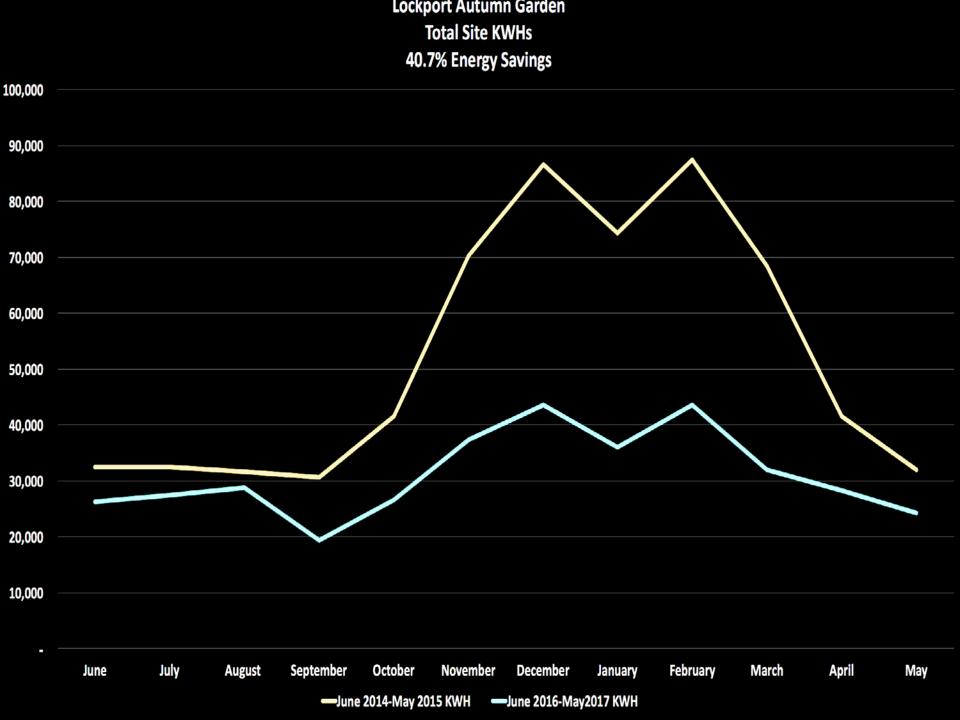


Autumn Garden

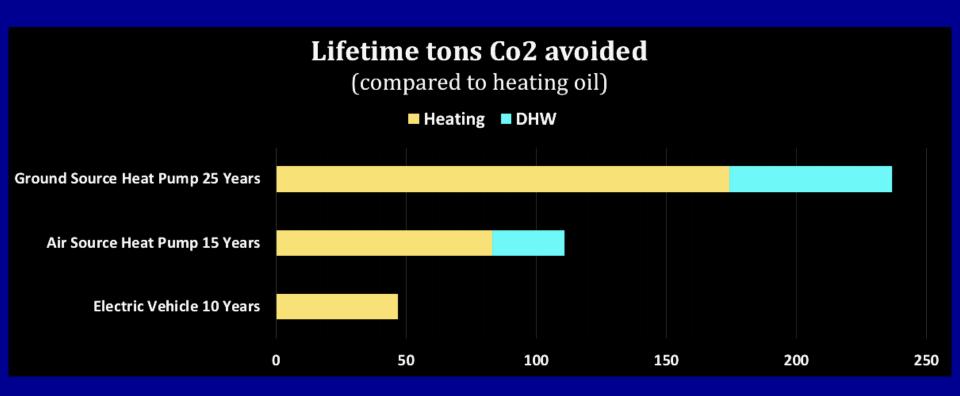








Carbon Avoidance



Geo systems

- Significantly avoid Co2 emissions
- Increase grid utilization
- Distributed Energy Resources (DER)
- Nothing shaves the summer peak like a geo system
- Significantly reduce energy intensity
- Provide unmatched efficiency to buildings

Hitting all EAMs/eTIPS allocations with one stone