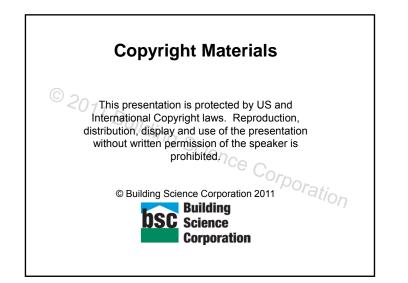
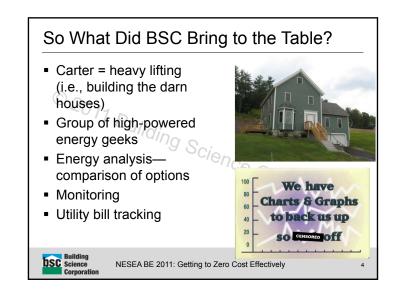
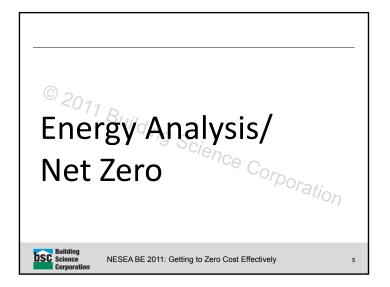


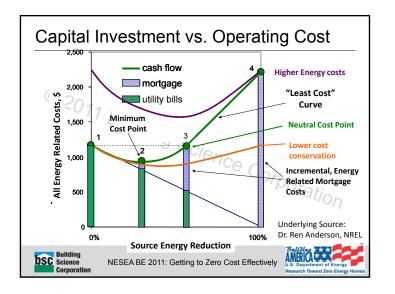
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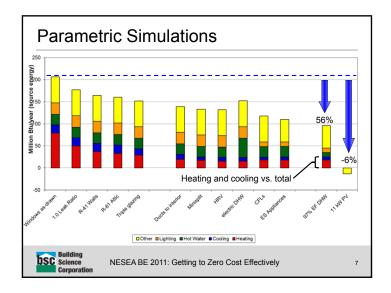
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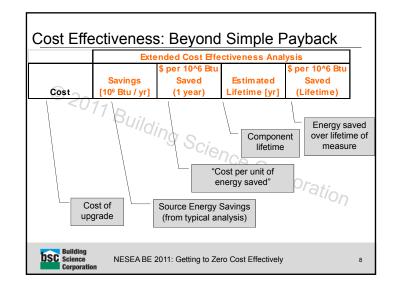


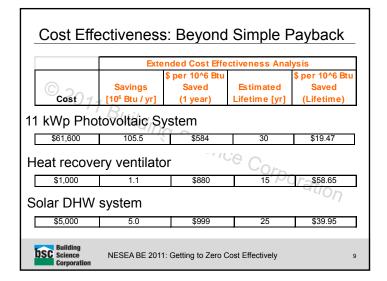


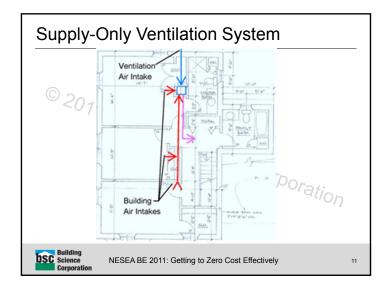


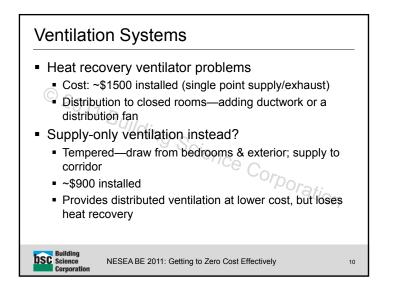




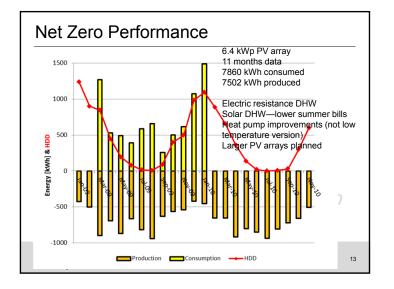


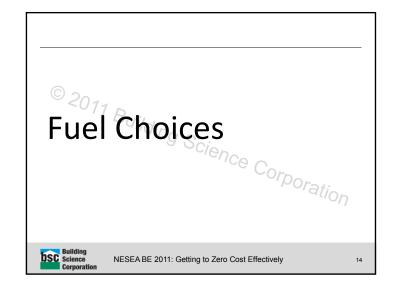


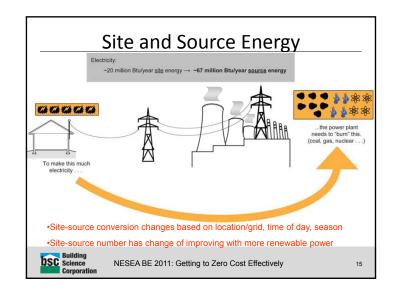


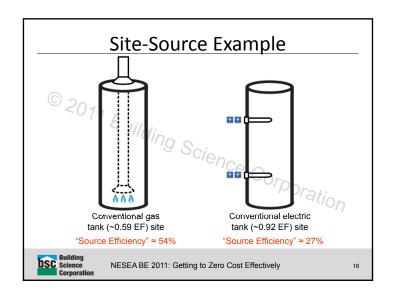


System	33% Runtime	100% Runtime
Supply-Only Ventilation	\$45/year	\$130/year
Balanced Ventilation (HRV)	\$20/year	\$65/year
 At 33% and 100% of HRV saves energy in Test installations curr HRV effectiveness chamount/runtime 	both cases—i rently in houses	s an upgrade

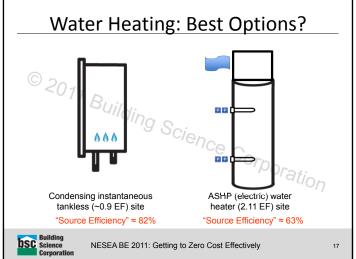


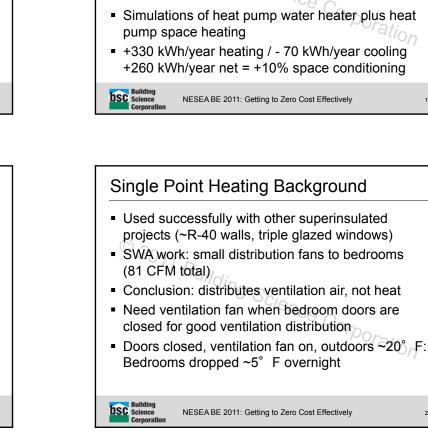






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But that's not the whole story...

Monthly gas service charges (~\$8/month)
Especially at low loads—e.g., 2 therms/month
Cost of installing gas main (e.g., new subdivision)

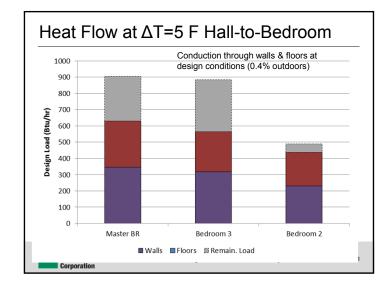
All electric = easy to demonstrate net zero

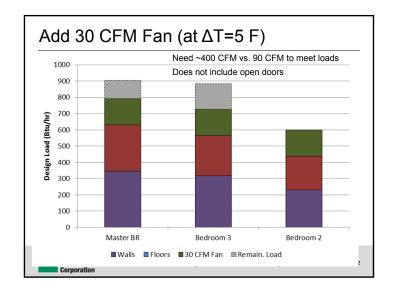
IAQ reasons to eliminate fossil fuel consumption?

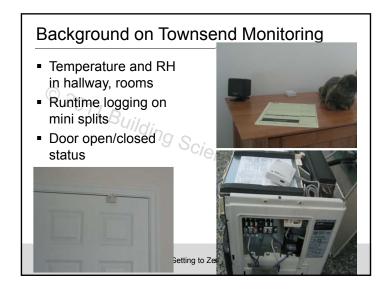


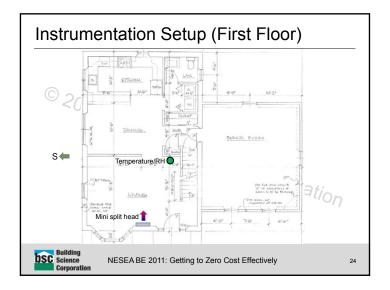
20

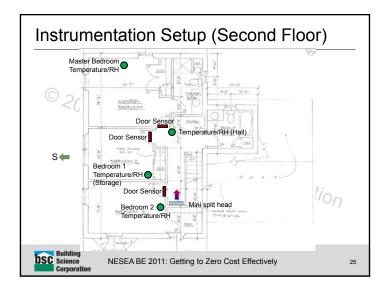


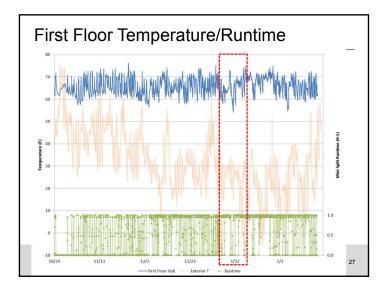


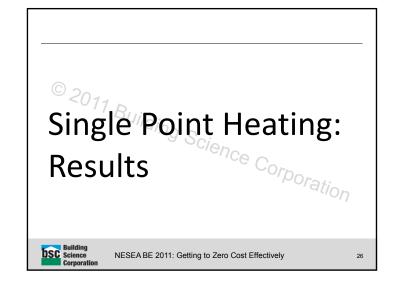


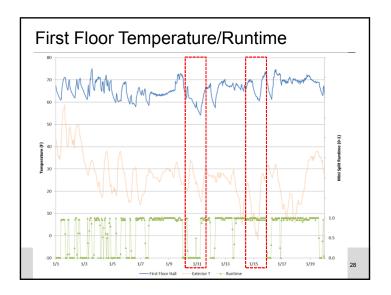


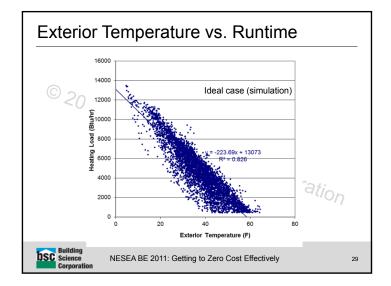


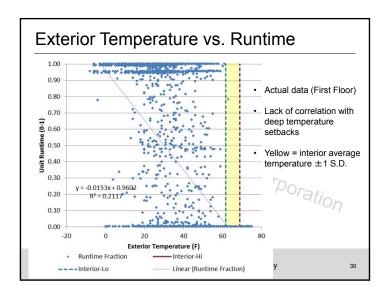


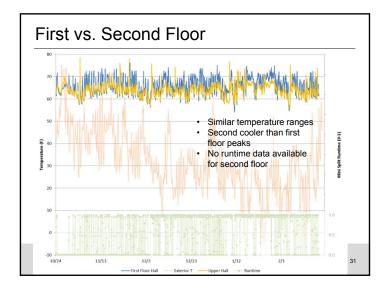


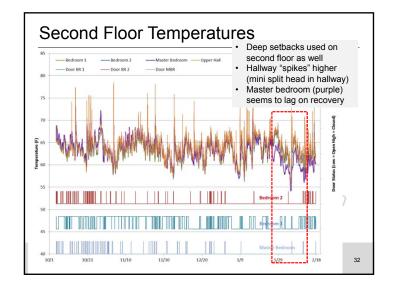


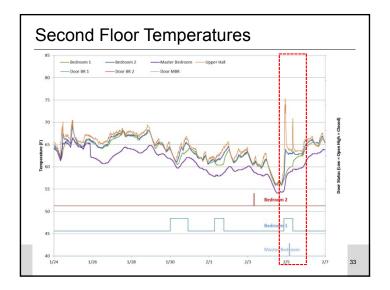


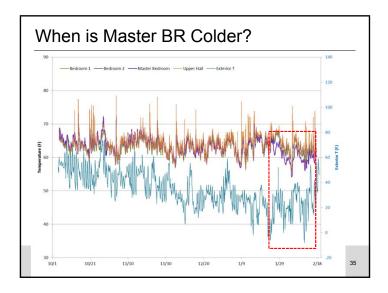


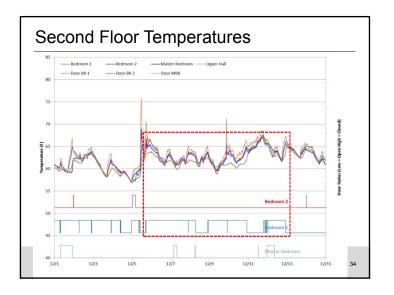




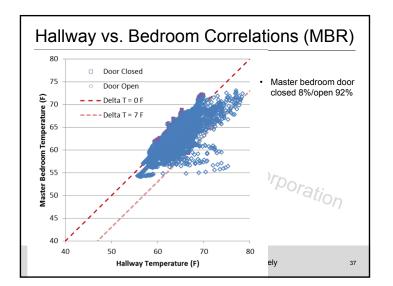


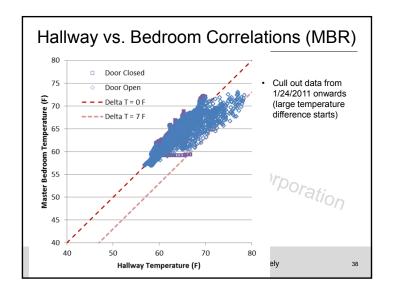


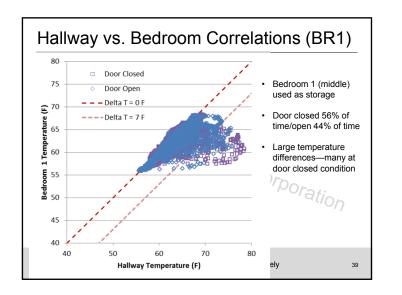


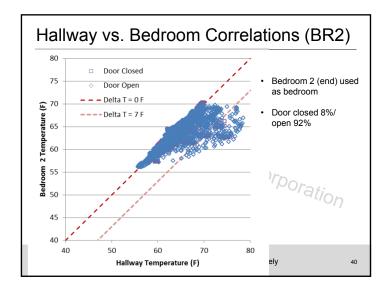




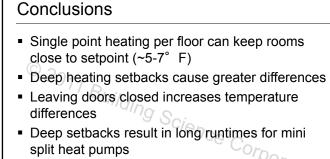








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"Acceptable sizing" data inconclusive

Building Science Corporation NESEA BE 2011: Getting to Zero Cost Effectively

