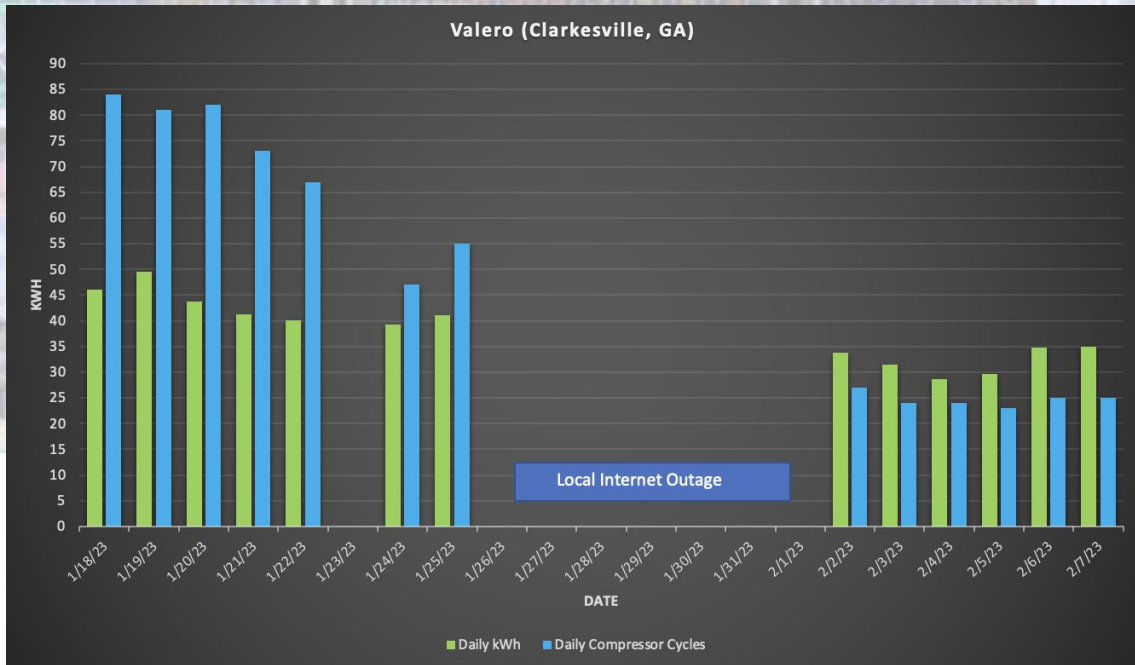




15% Energy Reduction

71% Increased Lifespan – Compressor #1

71% Increased Lifespan – Compressor #2



Final savings amount

Predicted Lifetime Value: **\$10,428**



Compressor Life Reference

The national average price of a new compressor with refrigerant and install is \$9,000 with an expected lifespan of 10 years. A 71% increased lifespan on a brand new unit would represent a lifespan increase of **7.1 years** and a savings of **\$6,390** each.



Project

Initial data monitoring period WITHOUT CUES* yielded that the compressors used 352 kWh of energy and cycled 1,419 times. Following this initial survey, CUES* was installed and temperatures were adjusted to achieve the desired range. Over the same time period WITH CUES*...

...the compressors used 292 kWh of energy and cycled 359 times. This demonstrated a compressors cycle reduction of **71%** for each compressor and a total energy reduction of **15%**.

*CUES - Chilled Unit Energy Saver

