



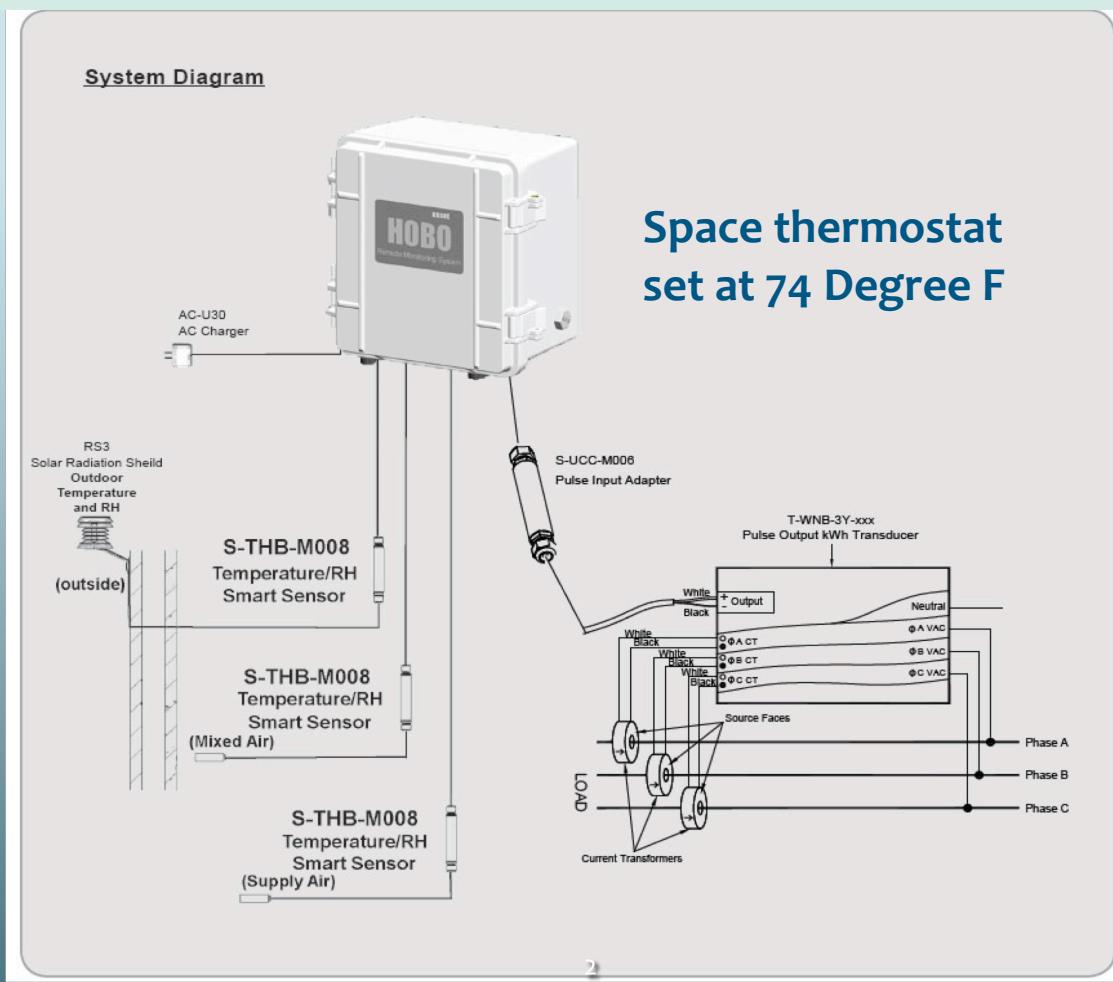
## MaxR Efficiency Test Results

RESTORES, RECONDITIONS AND MAINTAINS THE  
EFFICIENCY OF A 23 YEAR OLD ROOFTOP PACKAGE UNIT  
AND  
ODOT'S HP 9 AND HP 18 SPLIT SYSTEMS

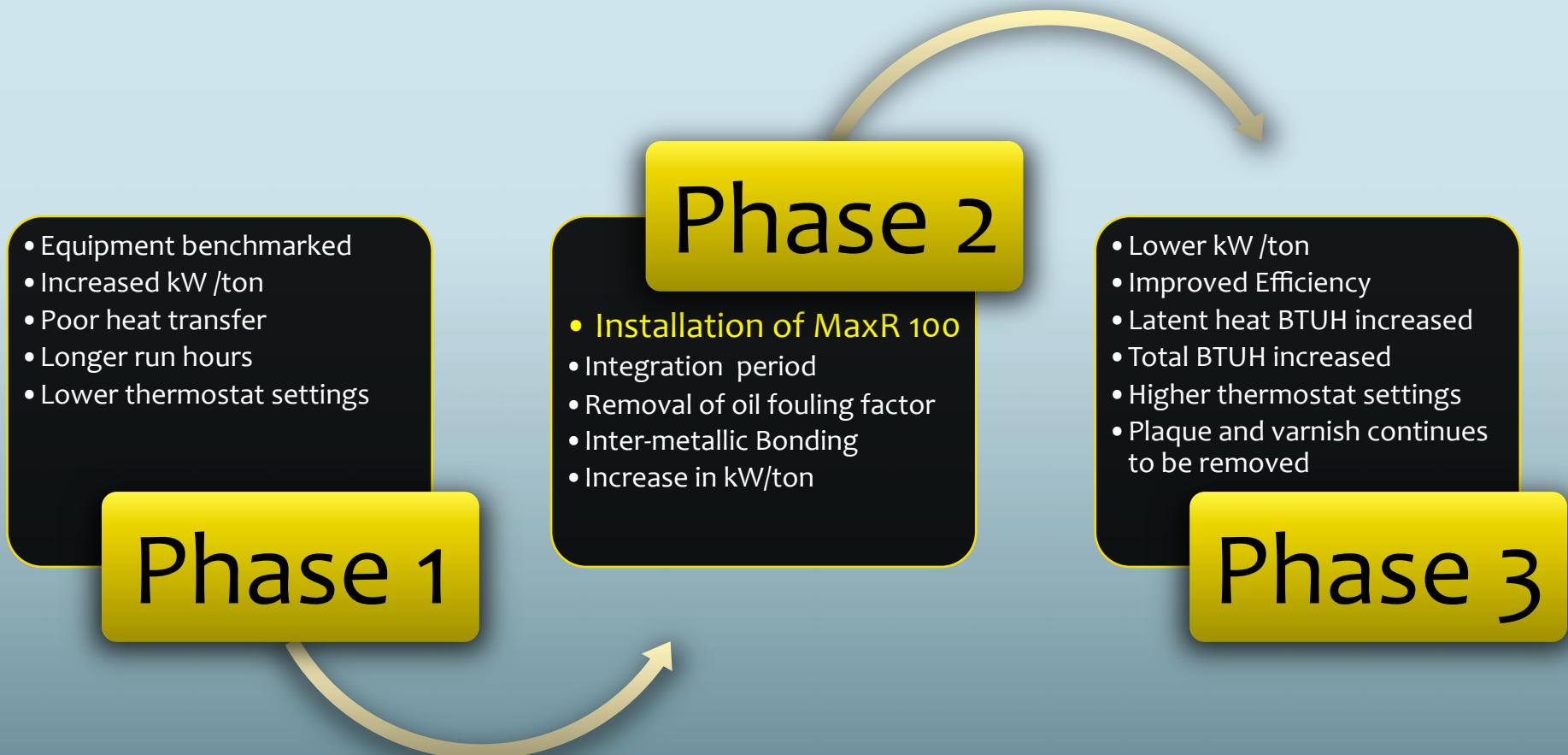
METROPOLITAN WASHINGTON COUNCIL of GOVERNMENTS  
ENERGY ADVISORY GROUP  
WASHINGTON, D.C.

# Onset Energy Monitor

HOBO U30 Remote Monitoring Systems analyzed the efficiency of rooftop HVAC unit performance. These state-of-the-art systems provide industrial-grade reliability with real-time access to your data via the Internet.

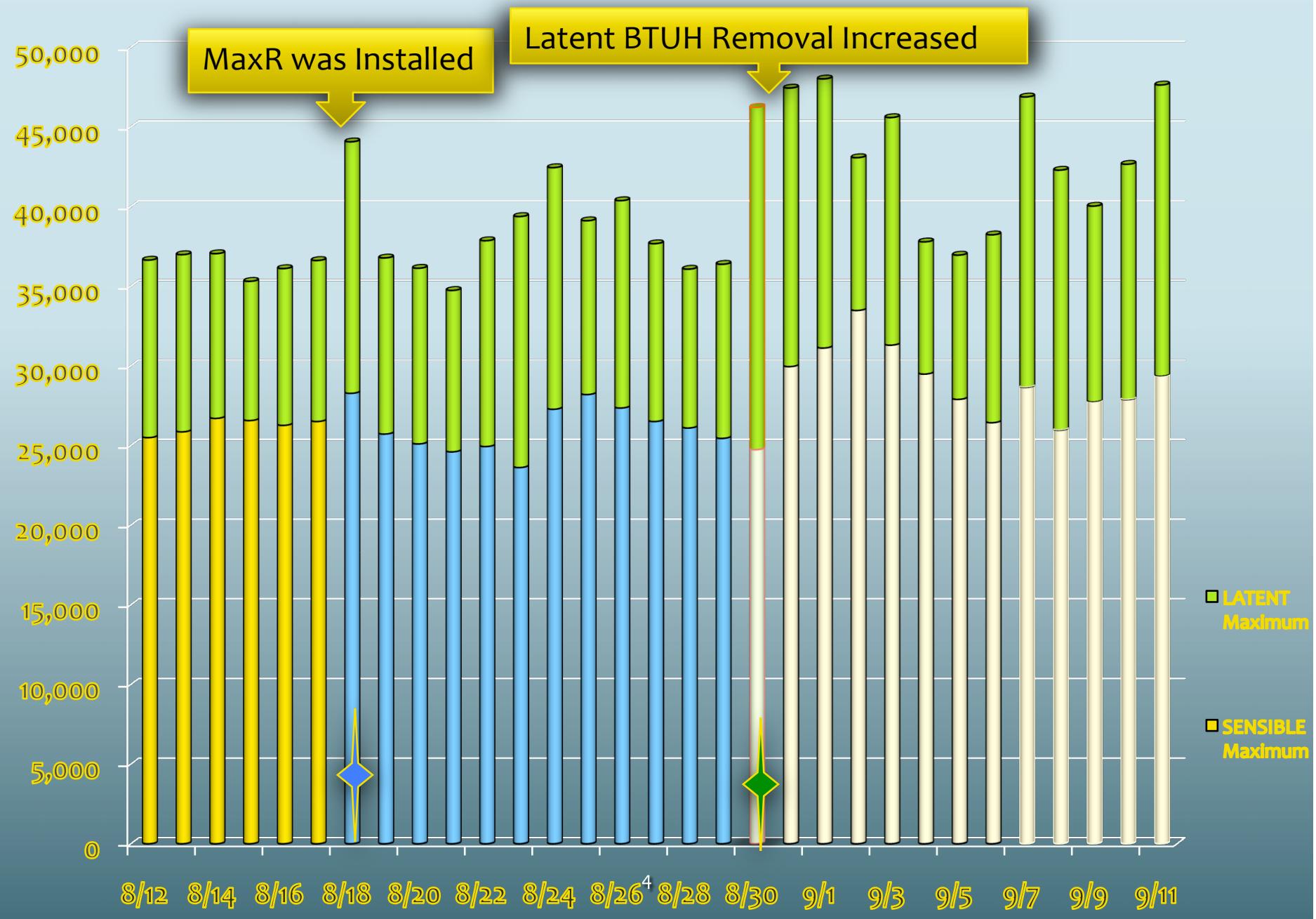


# Hierarchy of Efficiency



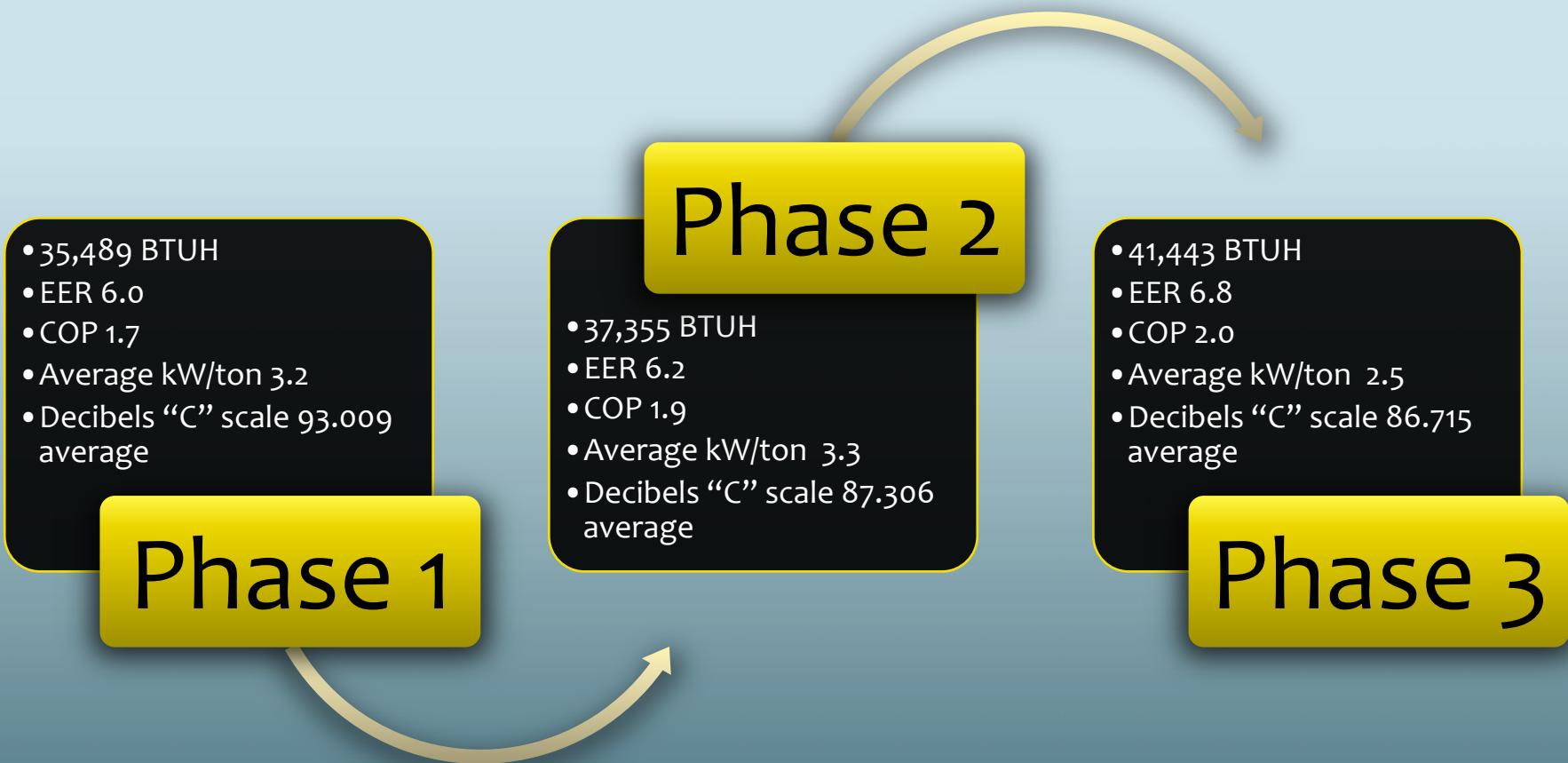
## Benchmark and Milestones

## Lovettsville, VA



# Mechanical Reconditioning

Lovettsville, VA



# MaxR increased Efficiency

Lovettsville, VA

Average BTU/Hr increased efficiency

16.8%

Average increase in the EER

13.54%

Return on Investment

**One cooling season**

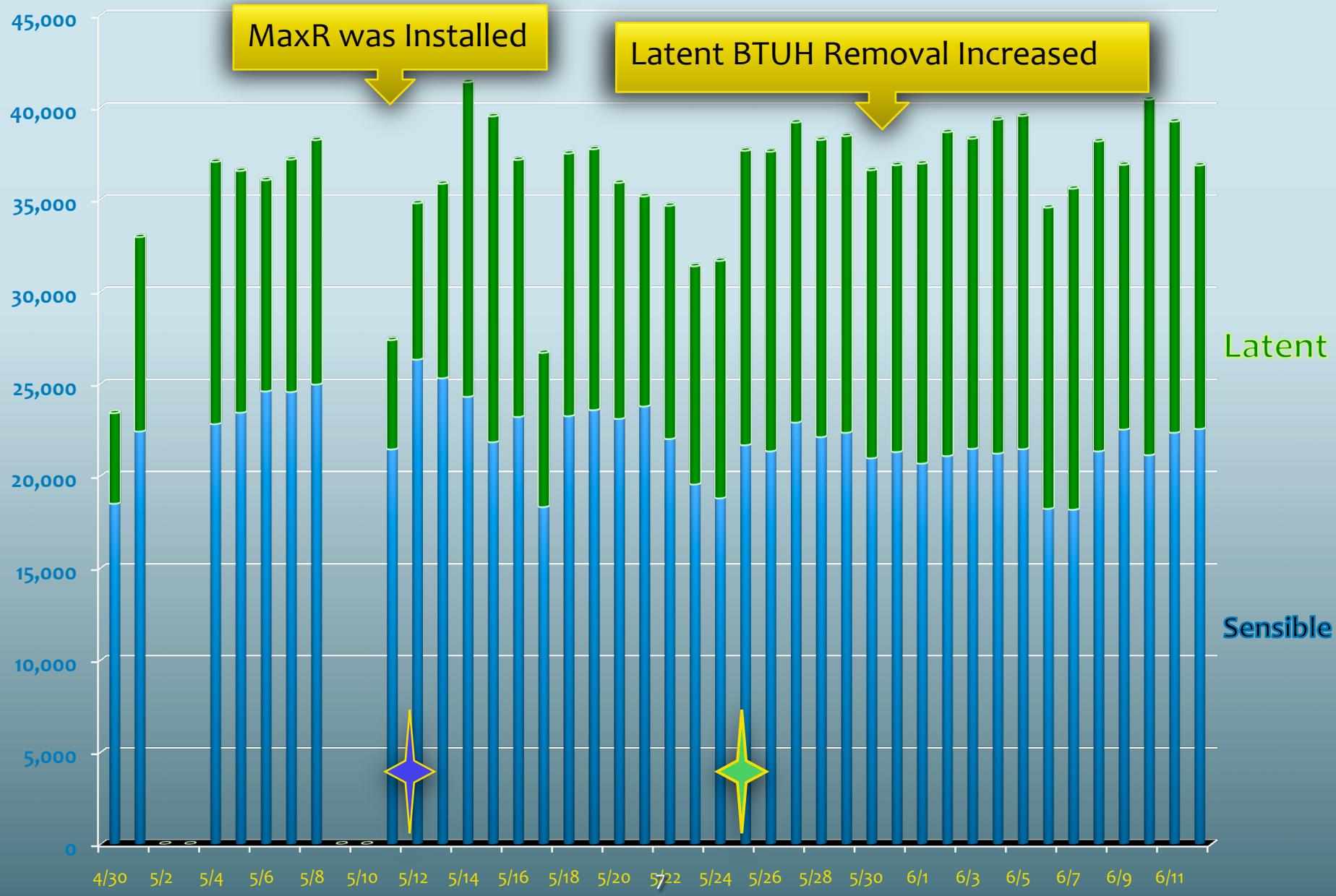
Average increase in COP

13.54%

Average Reduction in kW/ton

19.88%

## HP 9 Latent BTU/Hour Increased ODOT



# Mechanical Reconditioning ODOT

Hp 9



# MaxR Increased Efficiency ODOT<sub>HP</sub> 9

Average BTU/Hr increased efficiency  
8.54%

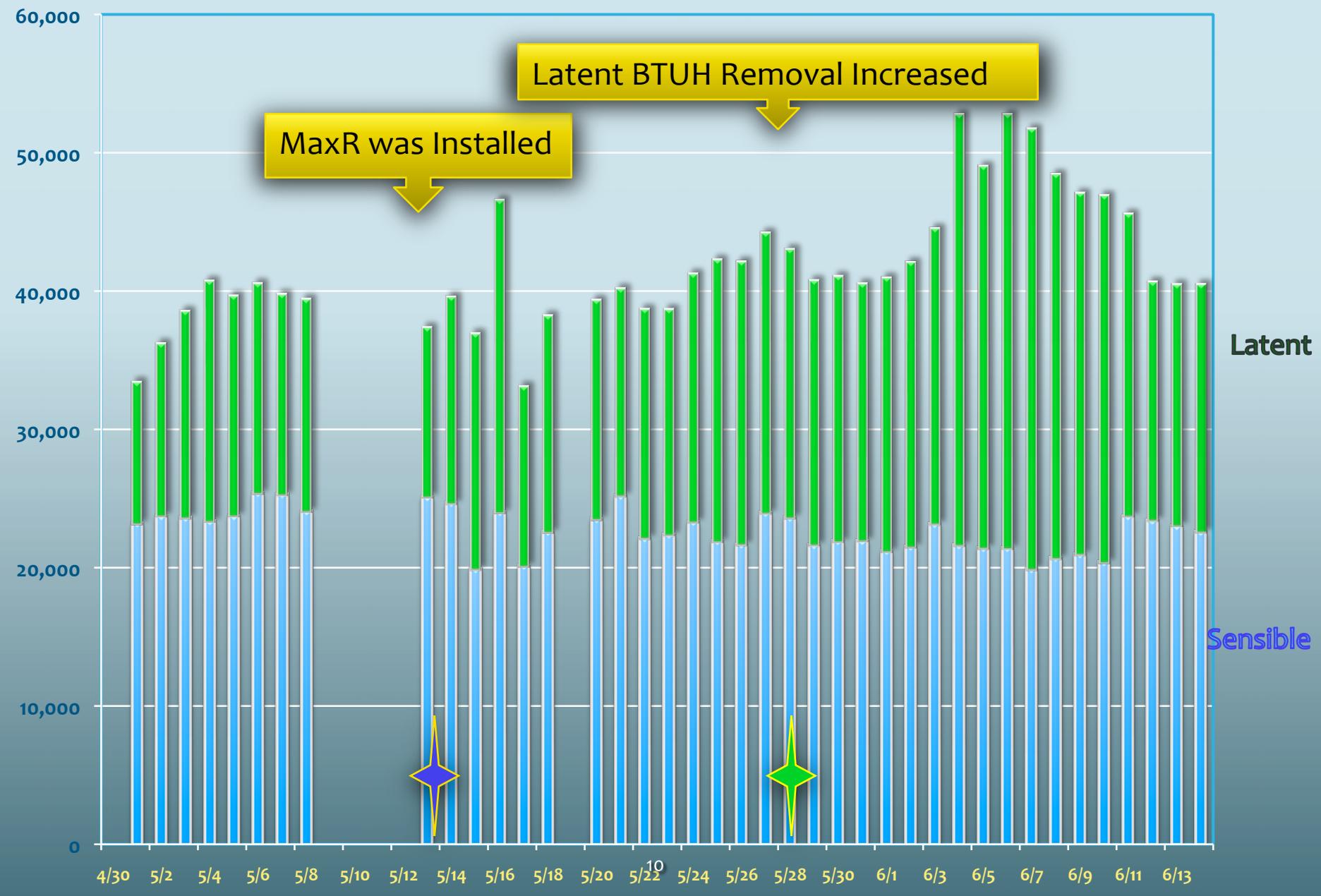
Average increase in the EER  
7.36%

Return on Investment  
**One cooling season**  
**Latent BTU/Hour +49.47%**

Average increase in COP  
7.36%

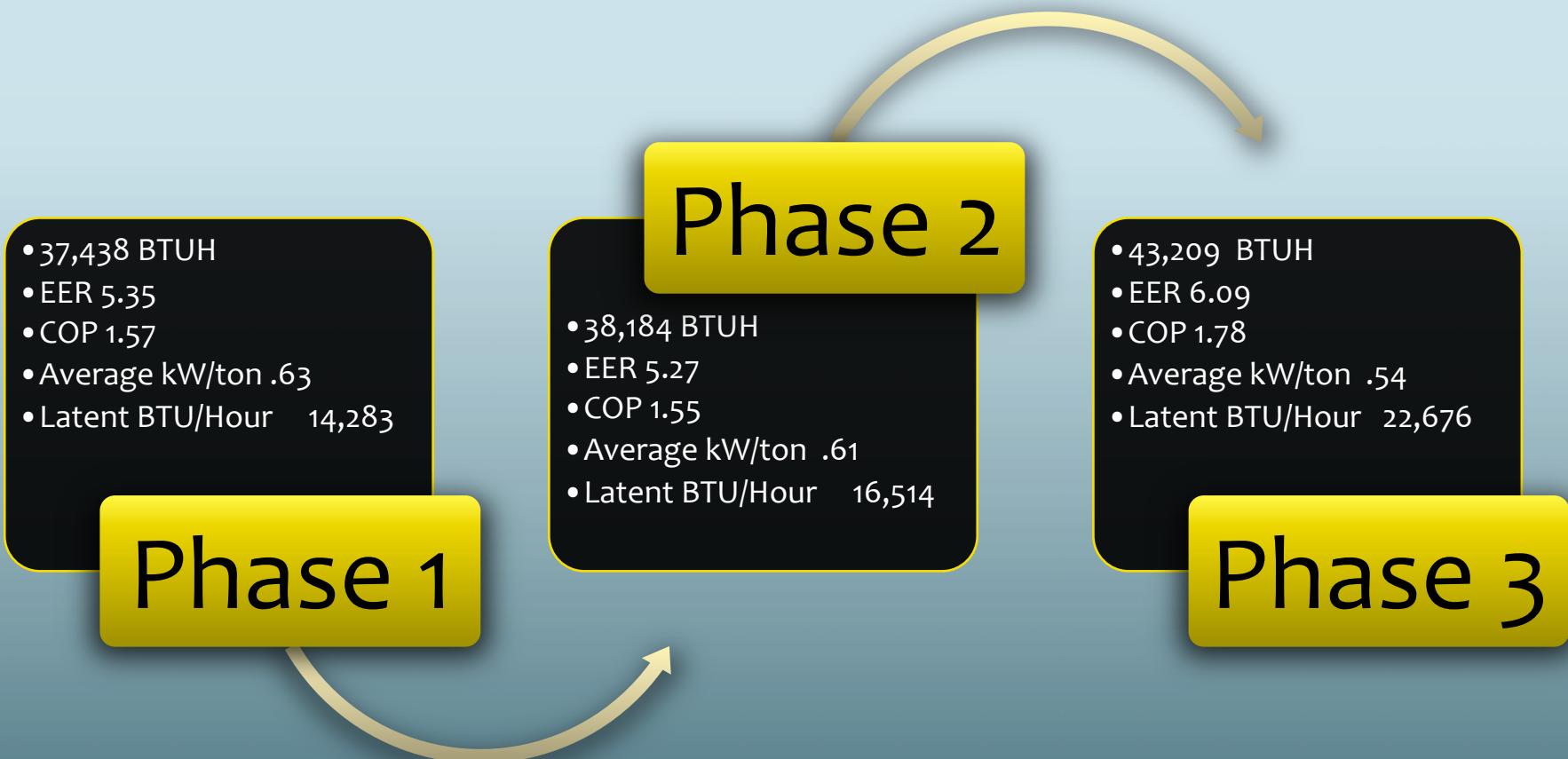
Average Reduction in kW/ton  
8.37%

## HP 18 Latent BTU/Hour Increased ODOT



# Mechanical Reconditioning ODOT

HP 18



# MaxR Increased Efficiency ODOT HP 18

Average BTU/Hr increased efficiency  
15.41%

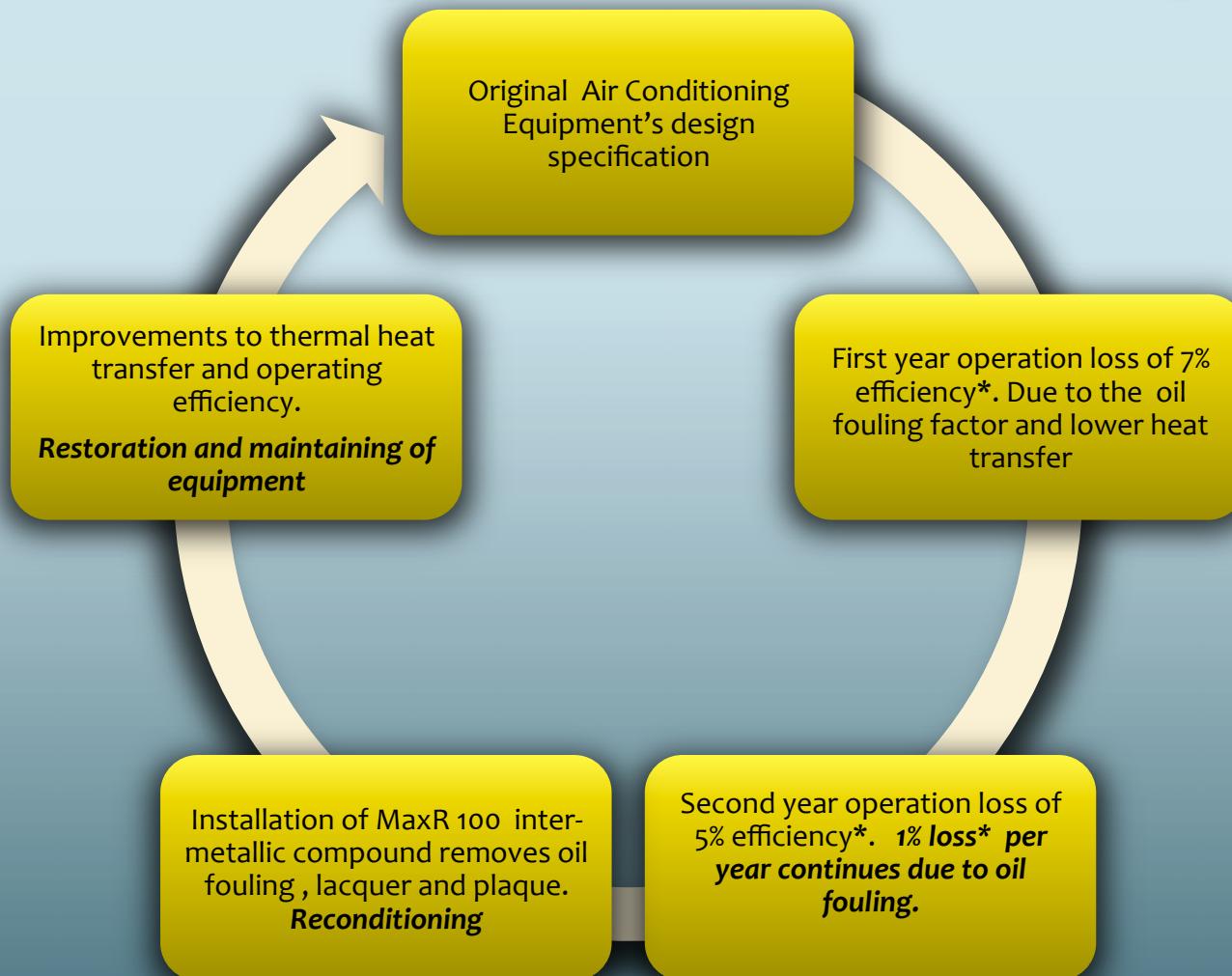
Average increase in the EER  
13.76%

Return on Investment  
**One cooling season**  
**Latent BTU/Hour + 58.75%**

Average increase in COP  
13.76%

Average Reduction in kW/ton  
14.61%

# Life Cycle Efficiency



# Thank You

Questions

