



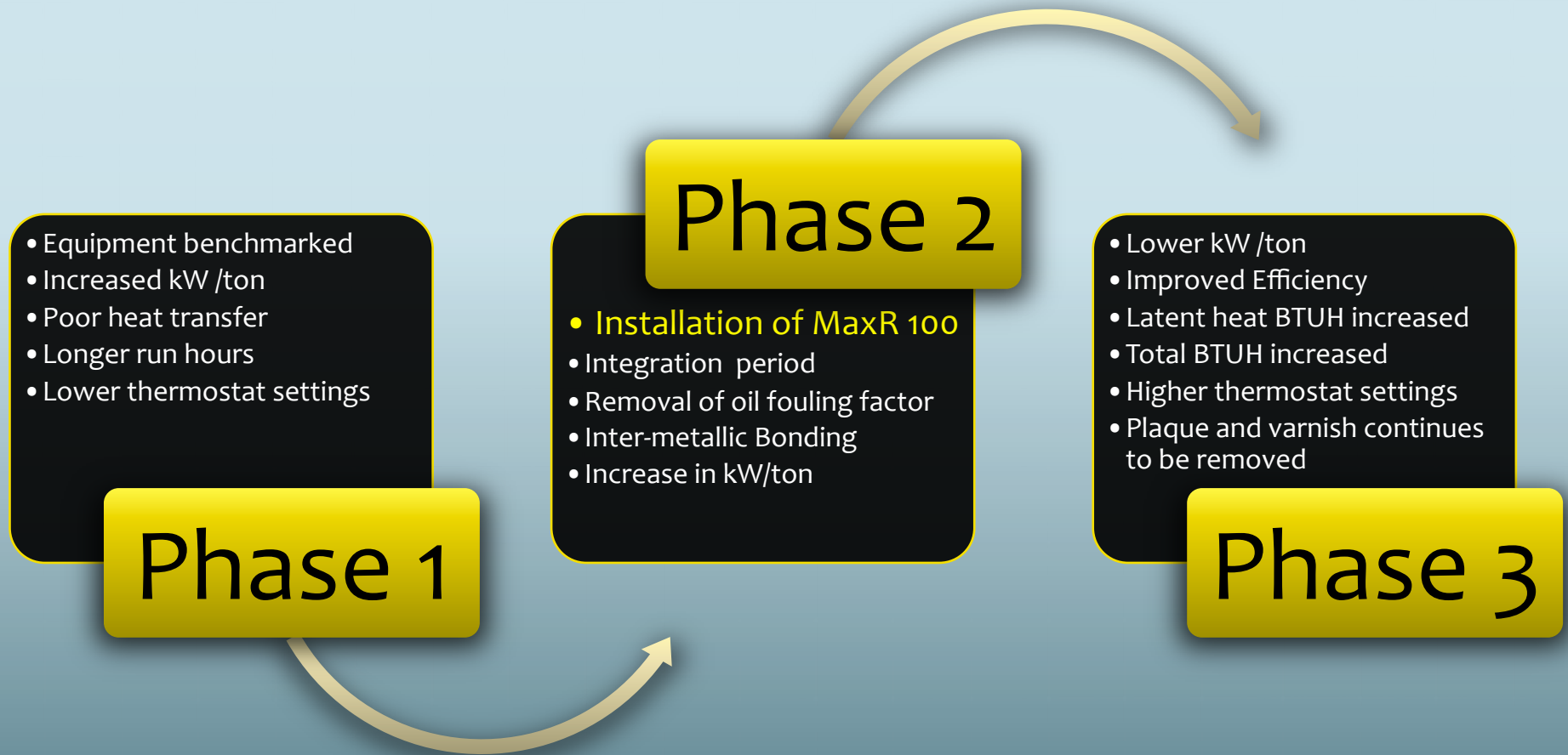
## MaxR Efficiency Test Results

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.

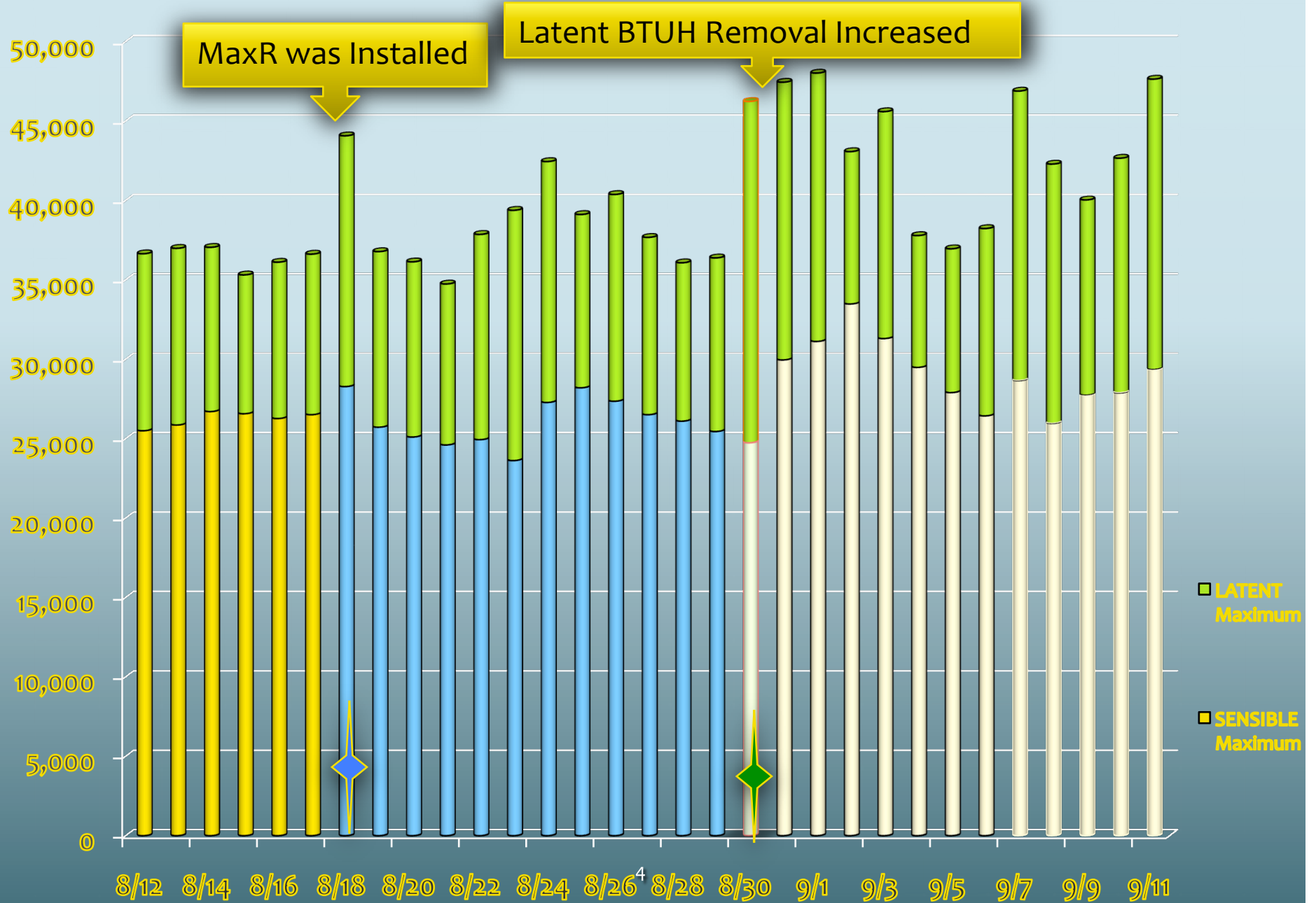


# Hierarchy of Efficiency



# 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**

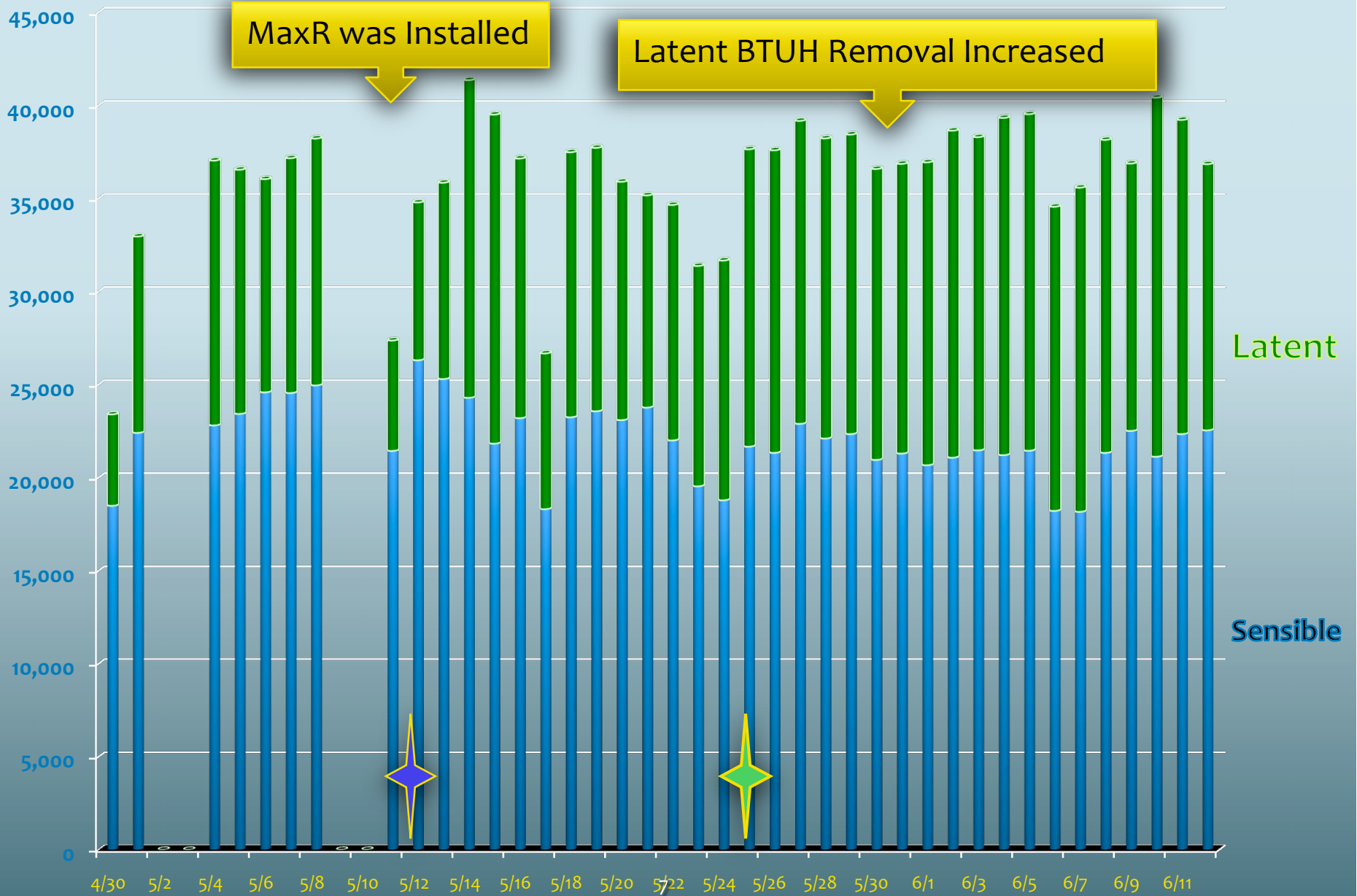
Average increase in COP

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 9</sub>

Average BTU/Hr increased efficiency  
8.54%

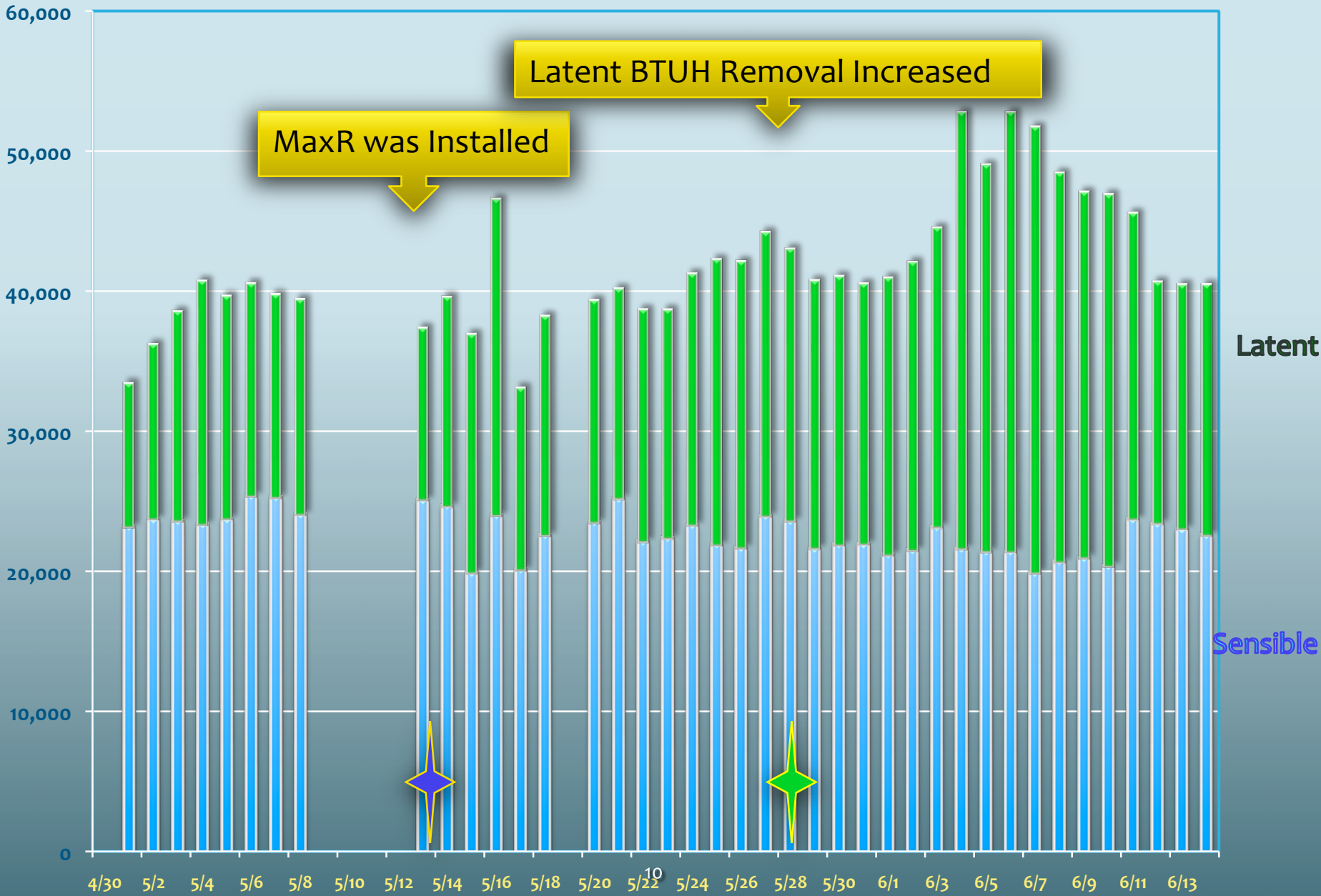
Average increase in the EER  
7.36%

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 HP18

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%**

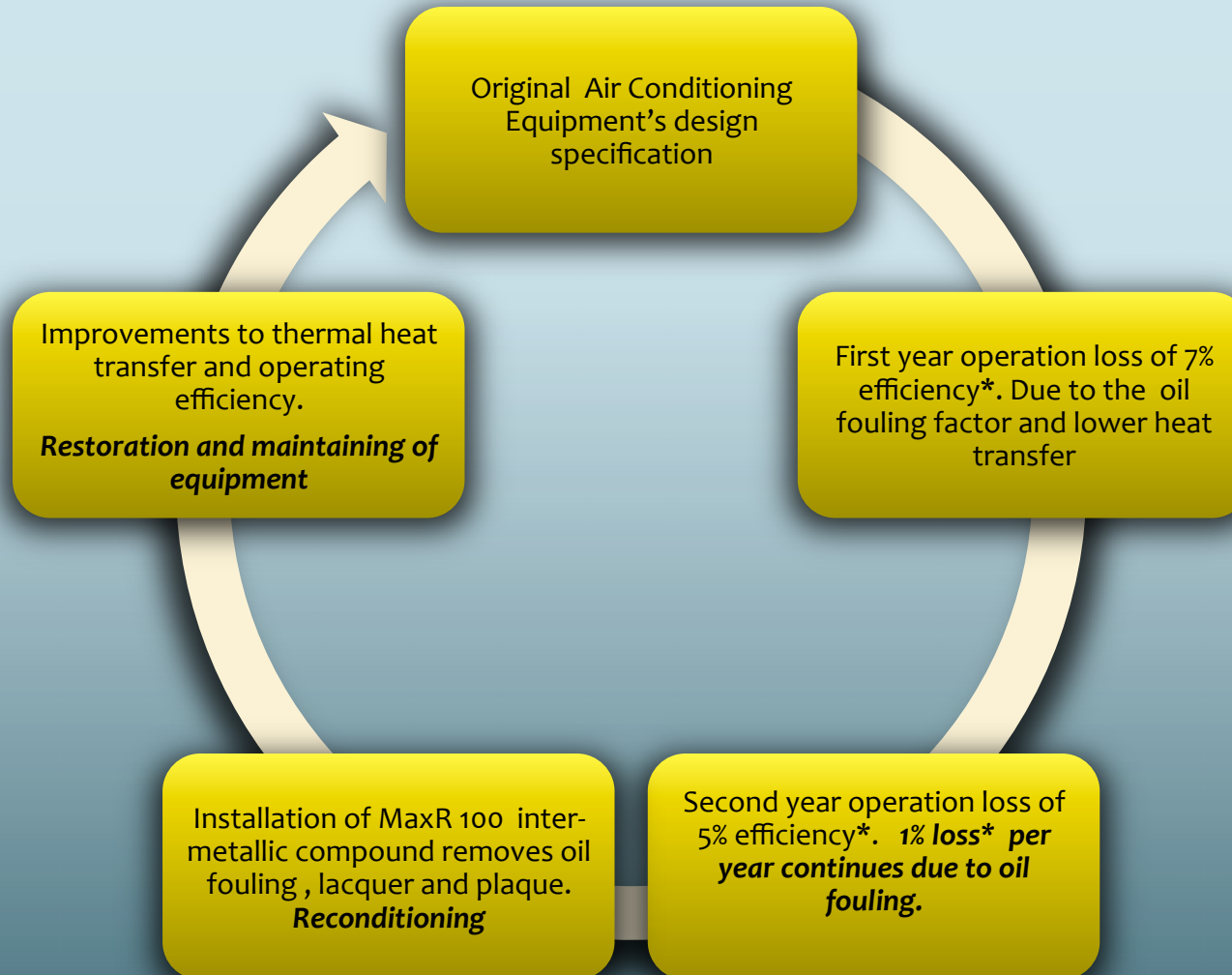
Average increase in COP

13.76%

Average Reduction in kW/ton

14.61%

# Life Cycle Efficiency



# Thank You

 Questions

