Power quality improvement and energy efficiency at
Kaiser Permanente Hospital
East Building, 10400 E. Alameda, Denver Colorado 80247-5104
LEED Certified, Energy Star Building

Performance Report of MPTS
Installed on the HVAC – Chiller

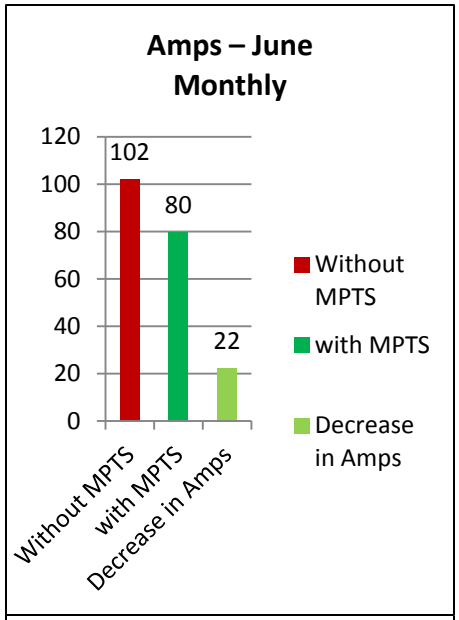
June to September, 2014

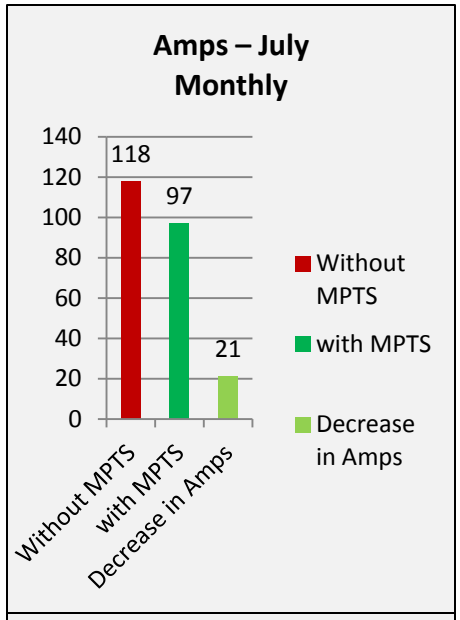


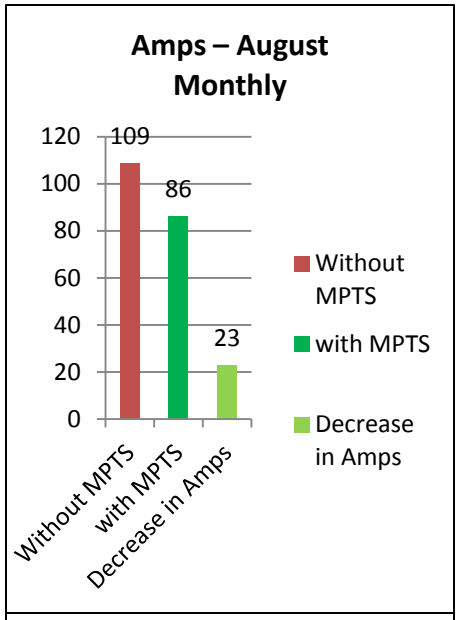
Kaiser Permanente Hospital
Regional Offices
10350 East Dakota Avenue
Denver, CO 80247-5199

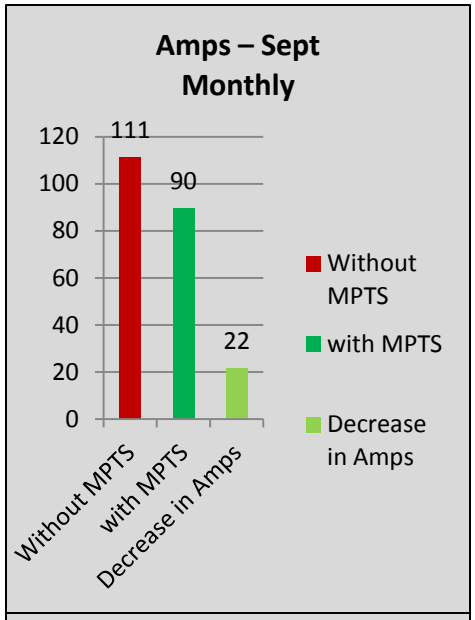
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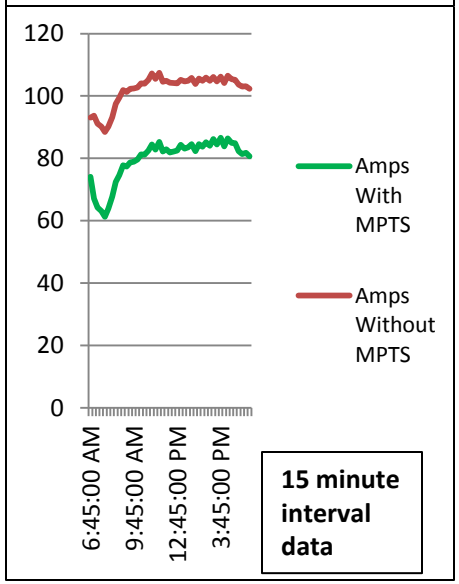
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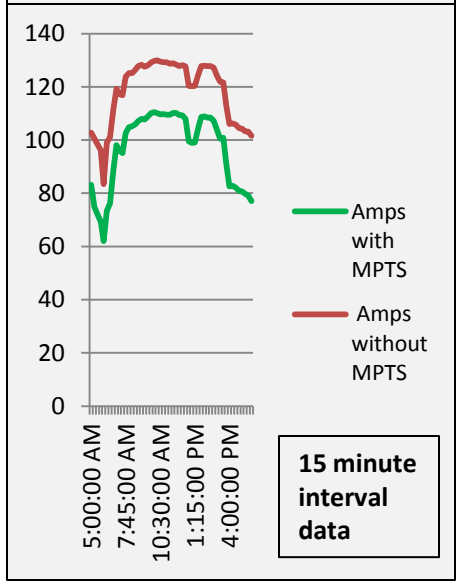


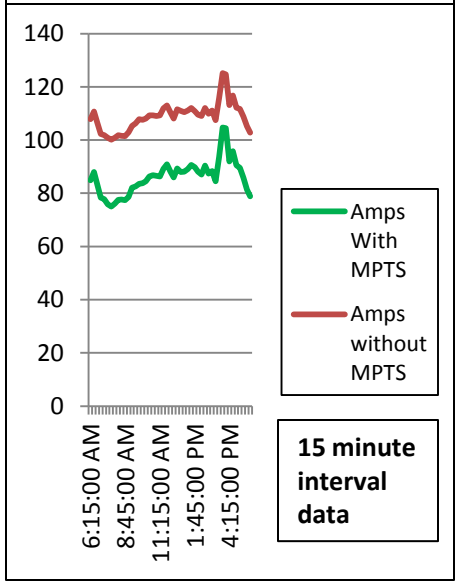


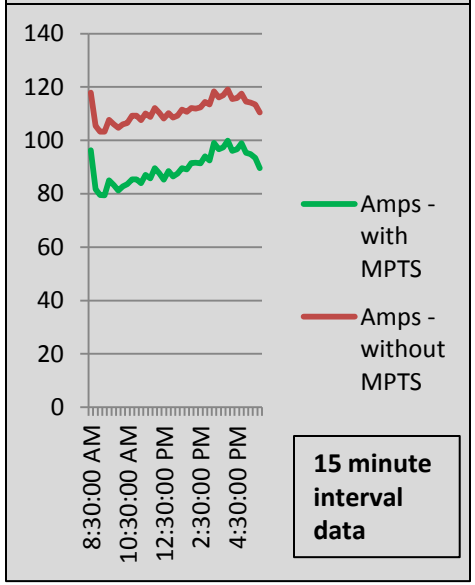








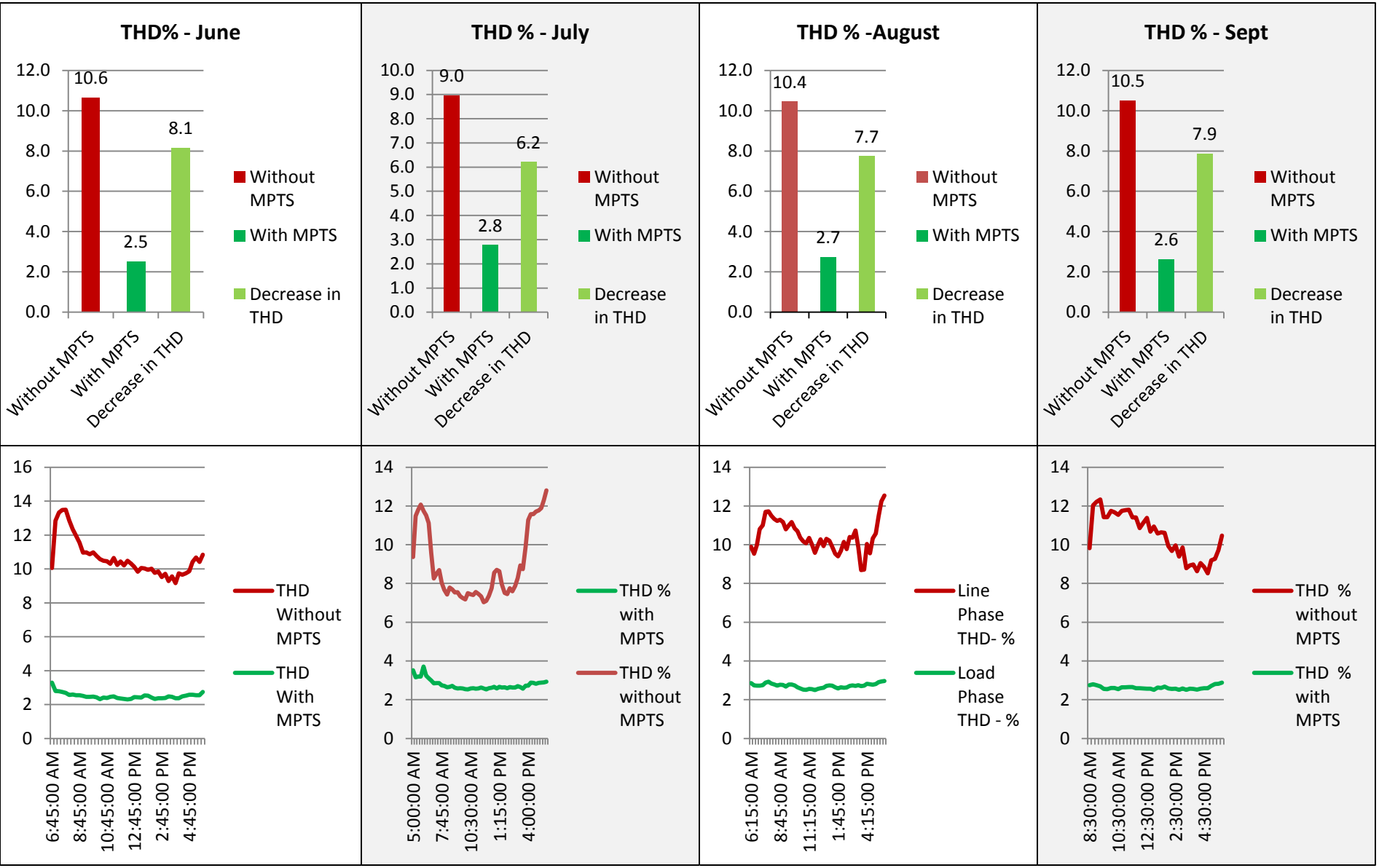




MPTS Unit Installed on the HVAC – Chiller June to September, 2014

THD %

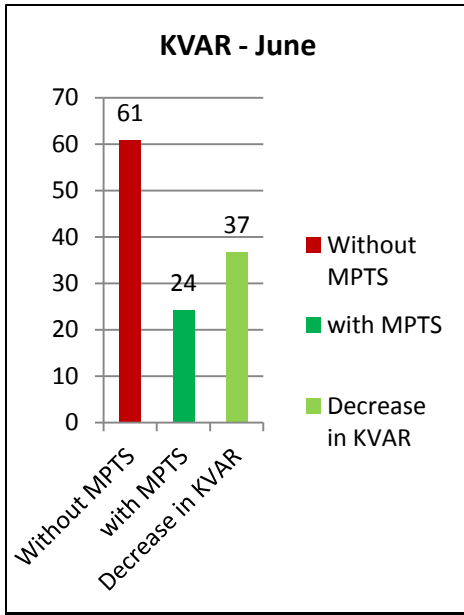
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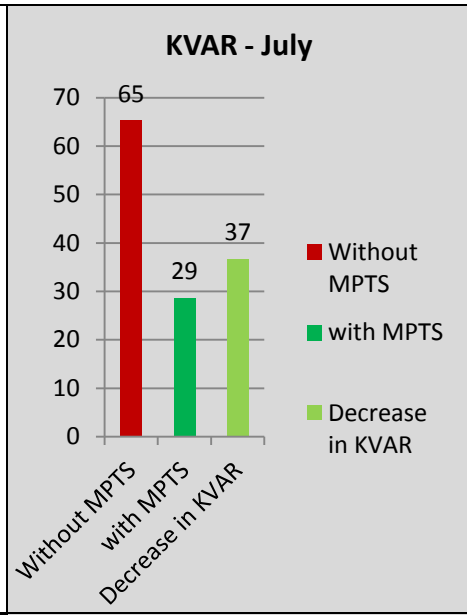


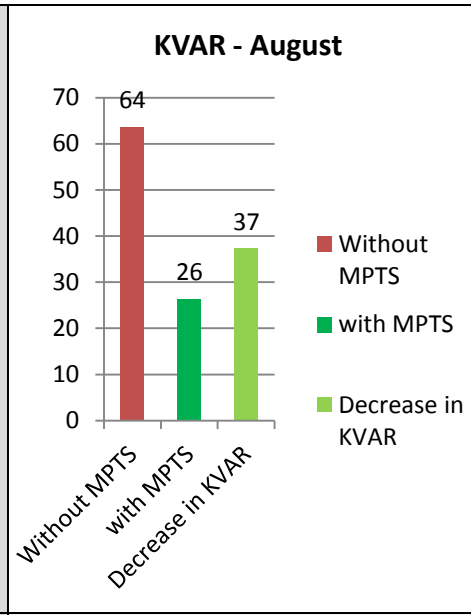
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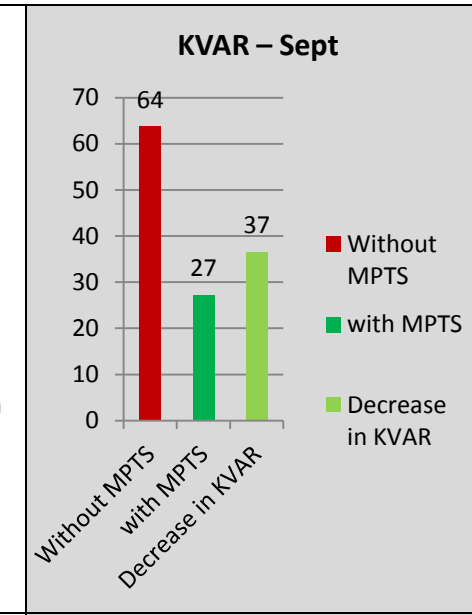
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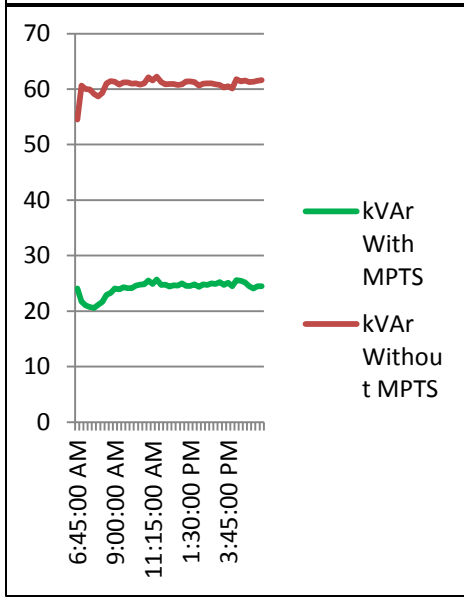
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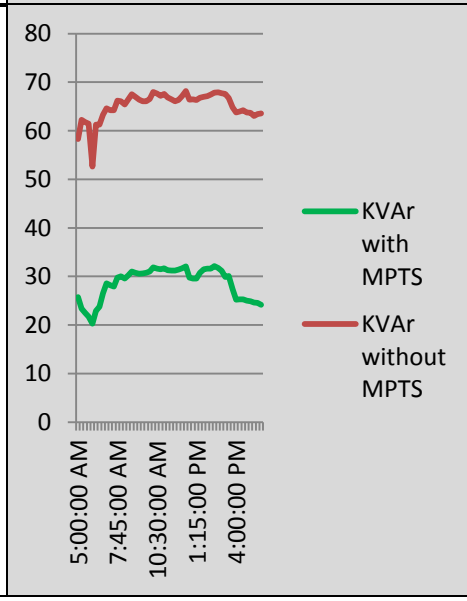


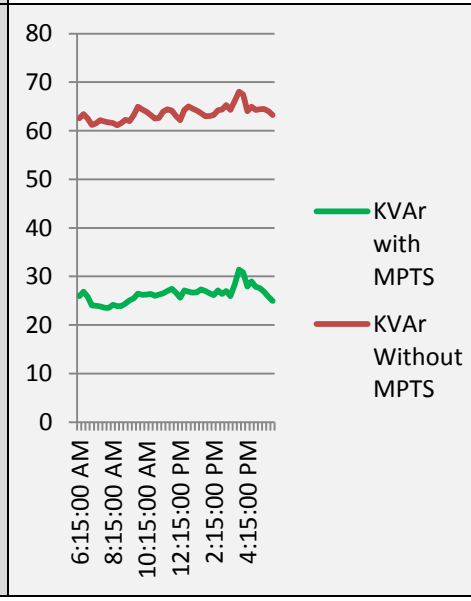


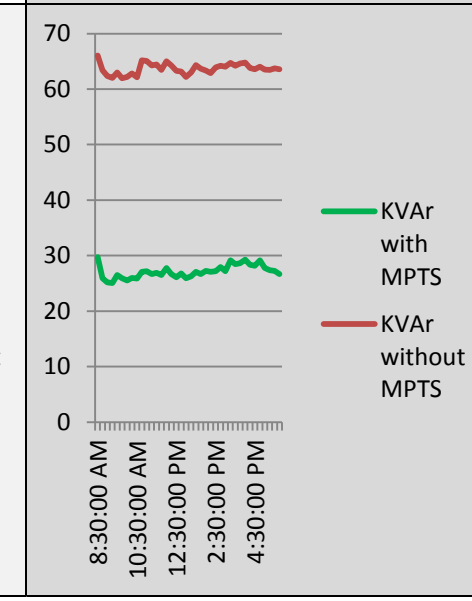








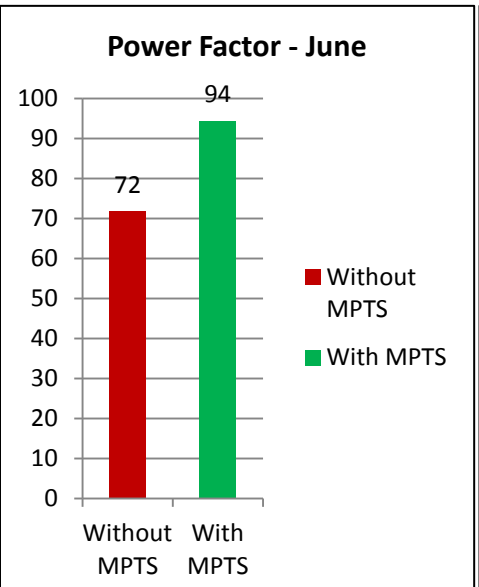


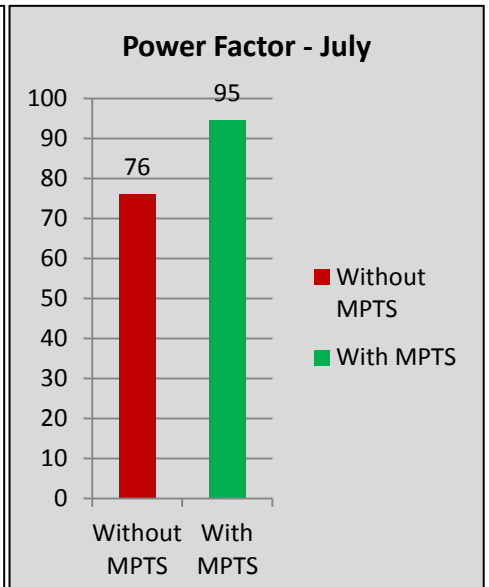


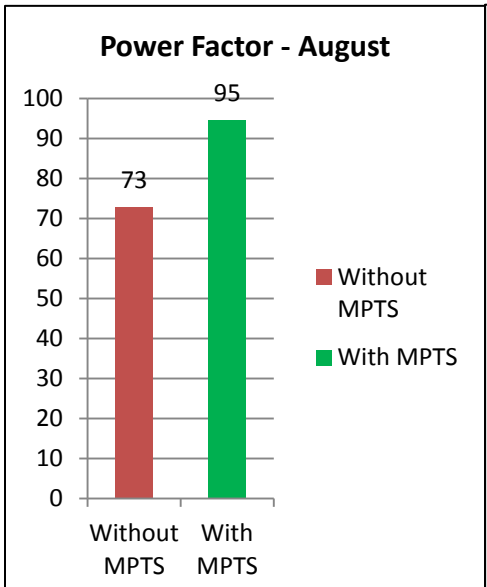
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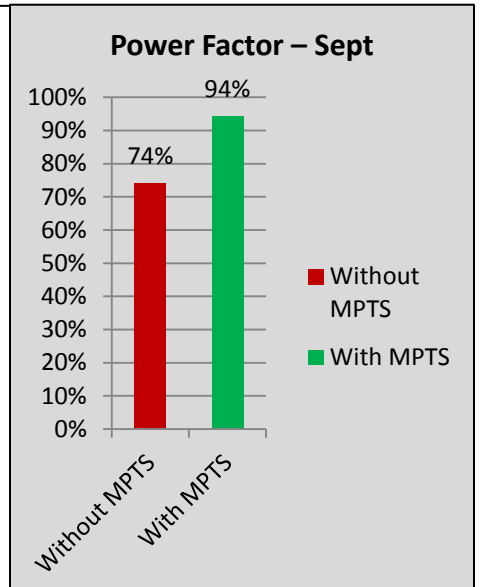
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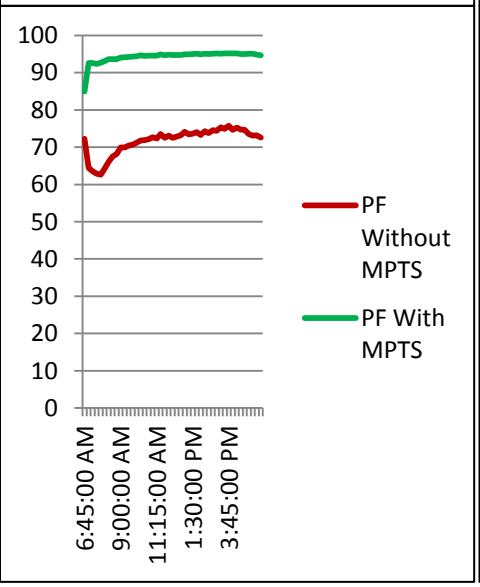
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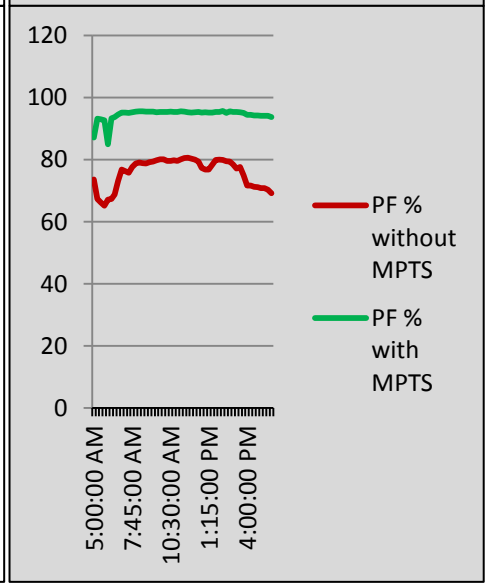


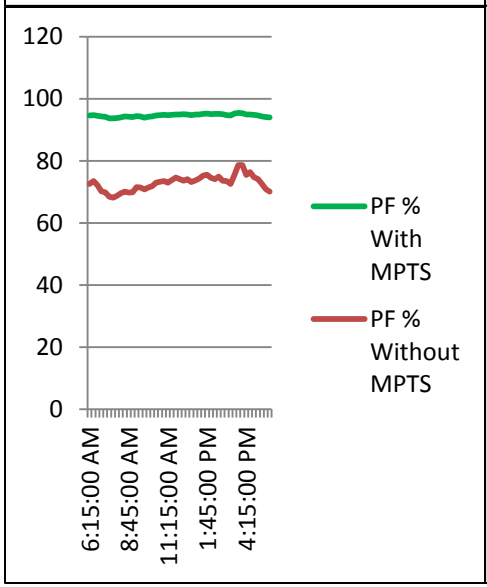


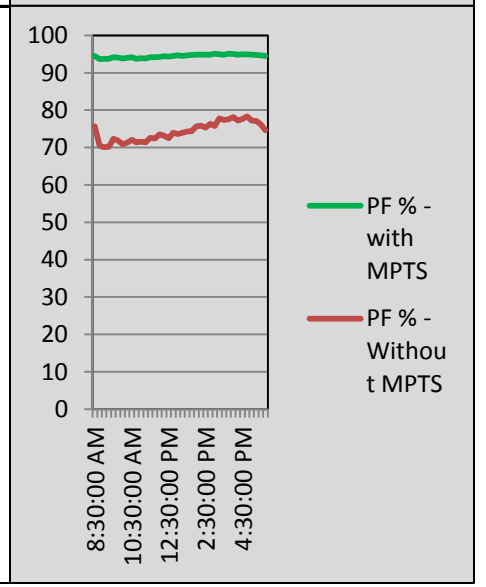












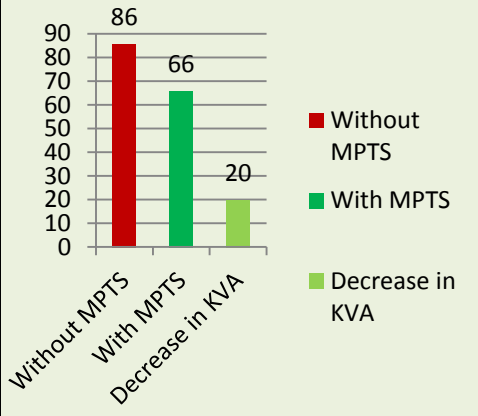
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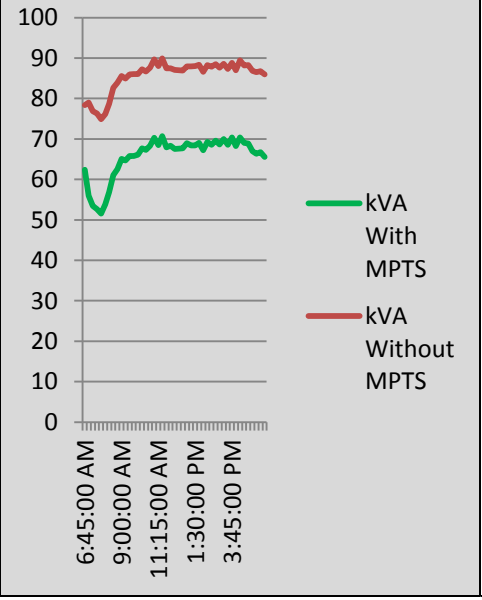
KVA

Power quality improvement and energy efficiency at East Building, 10400 E. Alameda, Denver Colorado 80247-5104

KVA - June

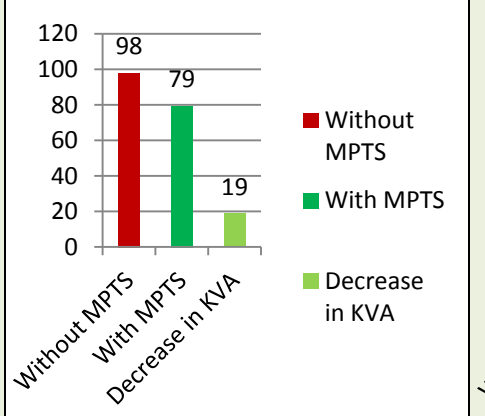
Real Time
Third party monitoring
by Power Takeoff

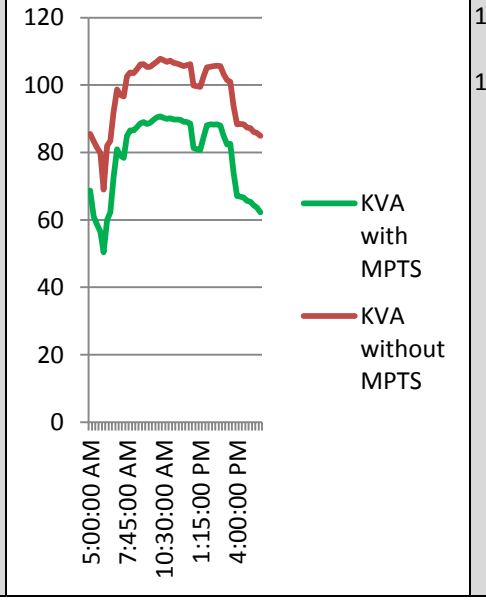




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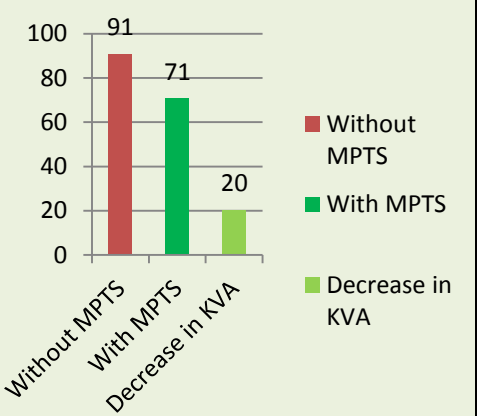
Real time
third party monitoring
by Power Takeoff

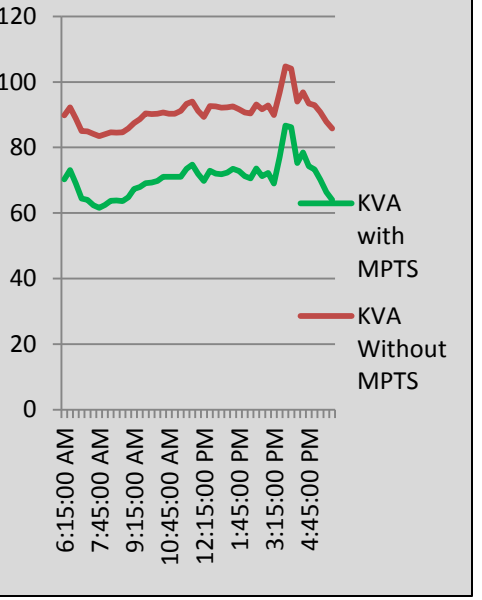




KVA – Aug

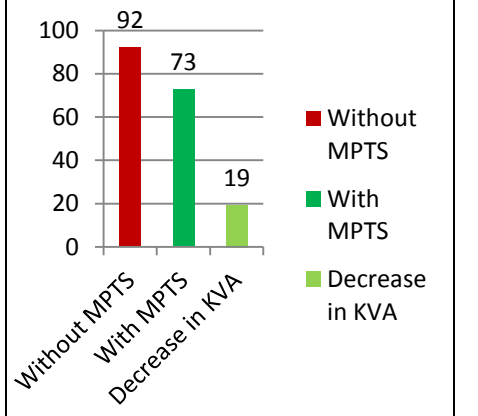
Real time
Third party monitoring
by Power Takeoff

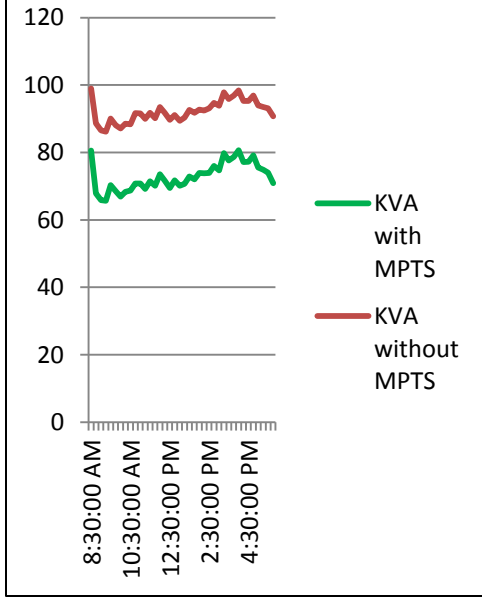




KVA – Sept

Real Time
Third party monitoring
by Power Takeoff





MPTS Unit Installed on the HVAC – Chiller June to September, 2014

Decrease 78,213 Pounds of Coal Burned in Coal Power Plants



Decrease 169 Barrels of imported oil or 8194 gallons consumed by America



Decrease 1,867 tree seedlings that have to be grown for 10 years









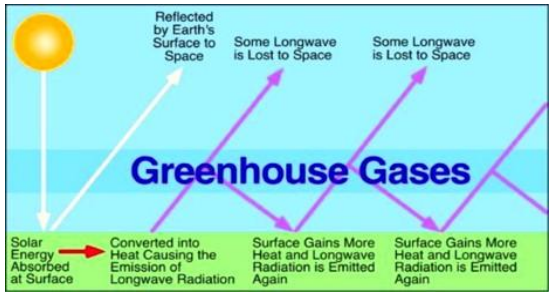
Carbon Emission Reduction by Kaiser Permanente Hospital at East Building with MPTS

Source: http://www.epa.gov/cleanenergy/energy-resources/calculator.html#results

Decrease 173, 371 Miles Driven by Average passenger vehicle



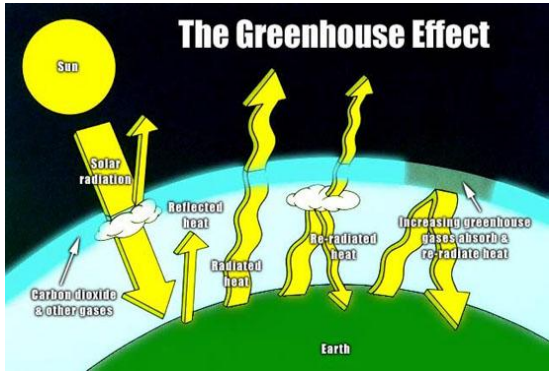
Equal to 160,532 pounds of green house gas emissions



Replace Incandescent bulbs- equal to installing 1,905 CFL bulbs









Carbon Emission Reduction by Kaiser Permanente Hospital at East Building with MPTS

Source: http://www.epa.gov/cleanenergy/energy-resources/calculator.html#results

Questions ?



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