UTILITY MANAGEMENT SOFTWARE 101

DAN ARANT, PEM

Dude Solutions

Software for smarter operations

INTRODUCTION

"A FOOL PULLS THE LEAVES, A BRUTE HACKS THE TRUCK, A SAGE DIGS THE ROOTS."

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INTRODUCTION

1. GOOD ENERGY MANAGEMENT ALWAYS FOLLOWS THE DATA - A SOFTWARE IS NOT GOING DO THE JOB FOR YOU, JUST PROVIDE INSIGHT AND DATA FOR MANY OF THE PHASES OF YOUR ENERGY PLANS.

2. EMS SOFTWARE NOT FOR EVERYONE, IN EVERY SITUATION.

3. VARIETY OF DIFFERENT PLATFORMS – SO, WHAT FITS YOUR NEEDS? - DON'T LET THE VENDOR TELL YOU WHAT YOUR NEEDS ARE.

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WHAT ARE THE BENEFITS?

1. SHOULD ALLOW, AT MINIMUM, FOR YOU TO REPLICATE THE CHARGES ON MONTHLY UTILITY BILL - EVEN IF YOU'VE GOT ADVANCED METERING AND CONTROLS - THE UTILITY BILL IS THE GOSPEL TRUTH ON IMPACT OF PROJECTS/PROCESS CHANGES.

2. SHOULD ALLOW FOR TREND ANALYSIS, BENCHMARKING, AND NORMALIZATION. - SOFTWARE SHOULD ACT LIKE ADDITIONAL STAFF FOR YOU.

3. CENTRALIZED AND CONSISTENT DATA FOR COMMUNICATION ACROSS THE ORG. - IF YOU DON'T HAVE TIME TO INPUT BILLING DATA, DOES VENDOR OFFER THE SERVICE? IS PLATFORM ACCESSIBLE BY OTHERS?

4. SHOULD ALLOW FOR PROJECT TRACKING (M&V) – AND COMMUNICATE THESE SAVINGS TO STAKEHOLDERS

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TIPS TO IMPLEMENT

1. IDENTIFY <u>YOUR</u> NEEDS AND GOALS FOR SUSTAINABILITY/ENERGY REDUCTION. WHAT TOOLS/DATA DO YOU HAVE NOW VS. WHAT TOOLS/DATA DO YOU NEED?

2. RESEARCH AT LEAST 3 VENDORS - GREAT SOFTWARE PLATFORMS OUT THERE THAT CAN DO THE SAME THINGS IN DIFFERENT WAYS. CAN THE VENDOR GROW WITH ME? WHAT OTHER PRODUCTS/SERVICES DO THEY HAVE? ARE THEY ASKING ABOUT MY NEEDS AND LISTENING TO MY ANSWERS?

3. PHASED APPROACH - WILL THE VENDOR/SOFTWARE ALLOW FOR A PHASED IMPLEMENTATION? CRAWL, WALK, RUN

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Energy & Utilities Dashboard

Jordan School District

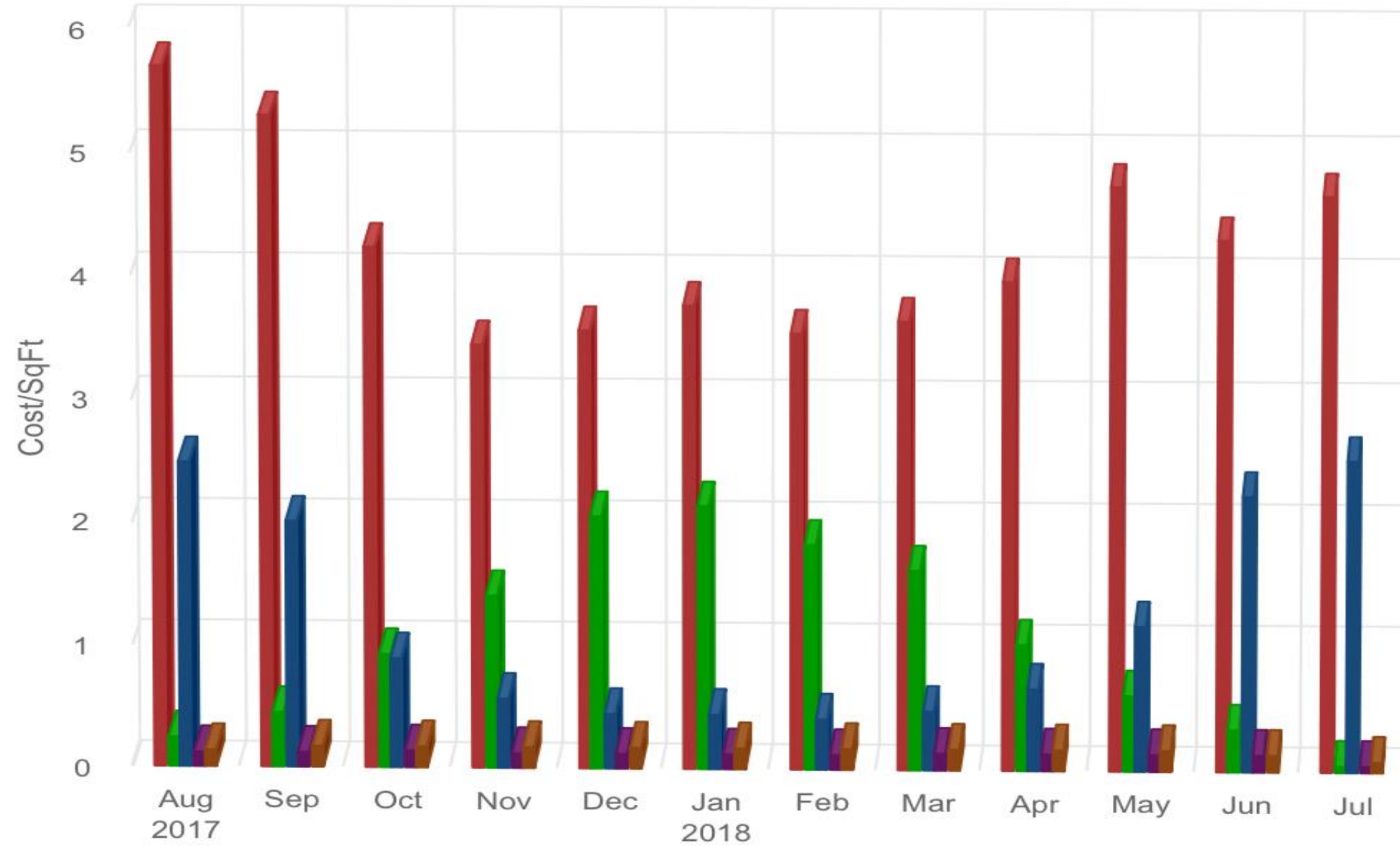**Welcome!** This website is meant to inform students, staff, and the community about how energy is used within the school district

External Links

▷ Energy Services Homepage

Utility Cost	Energy Usage	Facility Use Comparison	Facility Cost Compar

Carbon Emissions	ENERGY STAR	Electricity & Gas	Utility Cost Index

Utility Cost Index

All Facilities -- 8/2017 to 7/2018

- ● **Electricity Cost Index**
- ● **Natural Gas Cost Index**
- ● **Water Cost Index**
- ● **Wastewater Cost Index**
- ● **Refuse Cost Index**

Highcharts.com

Scope
- ◉ All Facilities
- ○ Facility Group
- ○ Single Facility

Time Period

Span: 1 Year ▾

Ending: Jul 2018

Chart Type

Comments on 'Utility Cost Index' report: This chart shows the overall monthly cost per sqft for each utility service over the selected time span.

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