



CLEARWATER
BRIGHT AND BEAUTIFUL · BAY TO BEACH

Cenergistic®

City Of Clearwater

Energy Conservation Program Introduction to Staff

Client Manager – David Goff

Energy Specialist – Kristin Wheatley

Kristin Wheatley- Energy Specialist



- Kristin Wheatley - Dedicated Energy Specialist
 - Joined the Cenergistic team in May 2022 and is dedicated to the City of Clearwater energy program.
 - Lead numerous Supply Chain settings for 10 years combined.
 - Former Special Projects Data Analyst & Inventory Control Logistics Coordinator with renewable energy & healthcare materials
 - Traveled to new and repower wind turbine construction projects across the United States for three years.
 - Married military veteran husband Derrick at Clearwater Courthouse one year ago.
- Core Responsibilities
 - Site Audits and Inspection
 - Data Analytics
 - Energy Savings Reporting
 - Energy Program Awareness
 - Change Agent for Conservation and Sustainability

Contact Information

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Purpose of the Energy Conservation Program

- Develop a sustainable culture of energy conservation
- Reduce energy consumption by 20% to 30%
- Protect our natural resources
- Preserve staff positions and important programs
- Turn energy dollars to municipal dollars



EXPERIENCE YOU CAN TRUST

Cenergistic®

Cenergistic is the National Leader in Energy Conservation and Optimization.

ENERGY MANAGEMENT

**\$29.3
Billion**

In energy billings

have been managed by
Team Cenergistic

TRACK RECORD

**\$6.4
Billion**

In delivered savings
to our client
partners

By applying sustainability
principles and our
easy-to-manage software

PROVEN PERFORMANCE

24%

Average savings
on yearly
energy costs

Without adding any
new equipment or
hiring any new staff

CLIENT PARTNERSHIPS

25,342

Buildings
optimized

K12, Higher Education,
Local Government,
Healthcare and
Faith-based Organizations

Partnership with Cenergistic

Cenergistic experts and specialists have 500+ years combined experience in energy conservation

- Have worked in over 12,000 facilities
- 1,200+ areas are evaluated for savings opportunities
- Program results in 20 - 30% reduction in energy consumption – even 60%
- Savings can be reinvested in more important priorities
- Self-funded from savings



PEOPLE - PROCESS - TECHNOLOGY

The system that powers the savings.



Cenergistic Energy Specialists



Cenergistic Optimize™ Technology



Cenergistic Management Process



360° Management of Your Energy Ecosystem



Administrative Area
Active monitoring of airflow, building pressure, humidity and temperature levels reduces comfort issues.



Boiler Room
Boiler specialists keep your boilers operating at peak efficiency, provide professional training and development for your team.



Chilled Water
System Engineering and technical resources focus on extending equipment life through system optimization.



Electrical Service Room
Predictive software and technical resources that learn what is normal and proactively alert you when something is amiss.



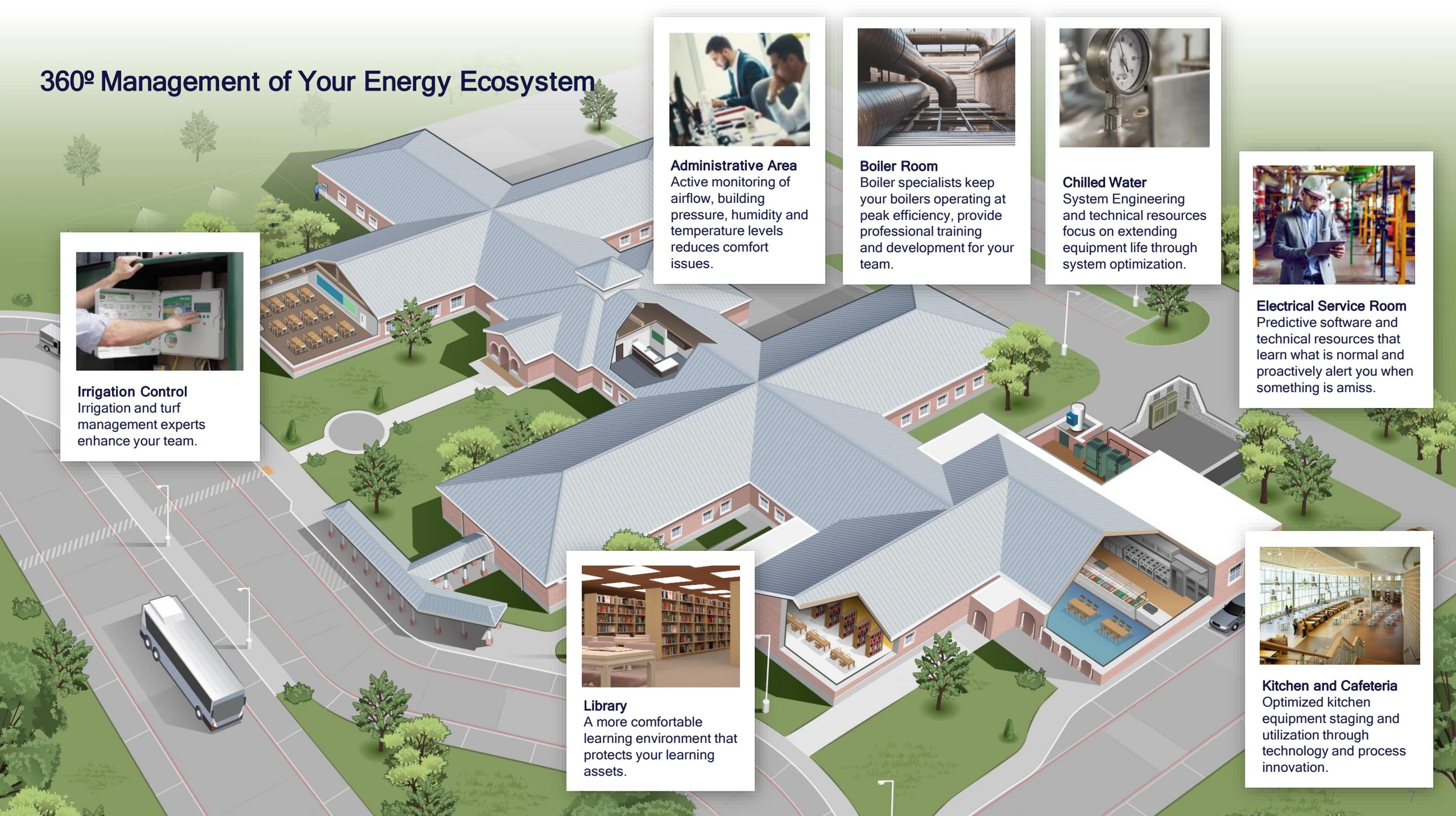
Irrigation Control
Irrigation and turf management experts enhance your team.



Library
A more comfortable learning environment that protects your learning assets.



Kitchen and Cafeteria
Optimized kitchen equipment staging and utilization through technology and process innovation.



The Energy Specialist Role



- Monitors overall energy use daily
- Recommends HVAC schedules to match building use throughout the year and for seasonal changes
- Approximately 25 building audits weekly, reporting to staff and encouraging support for energy guidelines
- Maintains an open line of communication with staff to promote positive change

Policy No. 7007

The Energy Conservation Policy reinforces the city leadership's full support of the program

- Energy Conservation Policy is our “game plan” to success
- Each of us is an “energy saver” and “energy consumer”
- All staff are responsible for following the Energy Conservation Policy
- Working together means we reduce energy waste, save significant money and protect our environment



Municipal Staff's Role

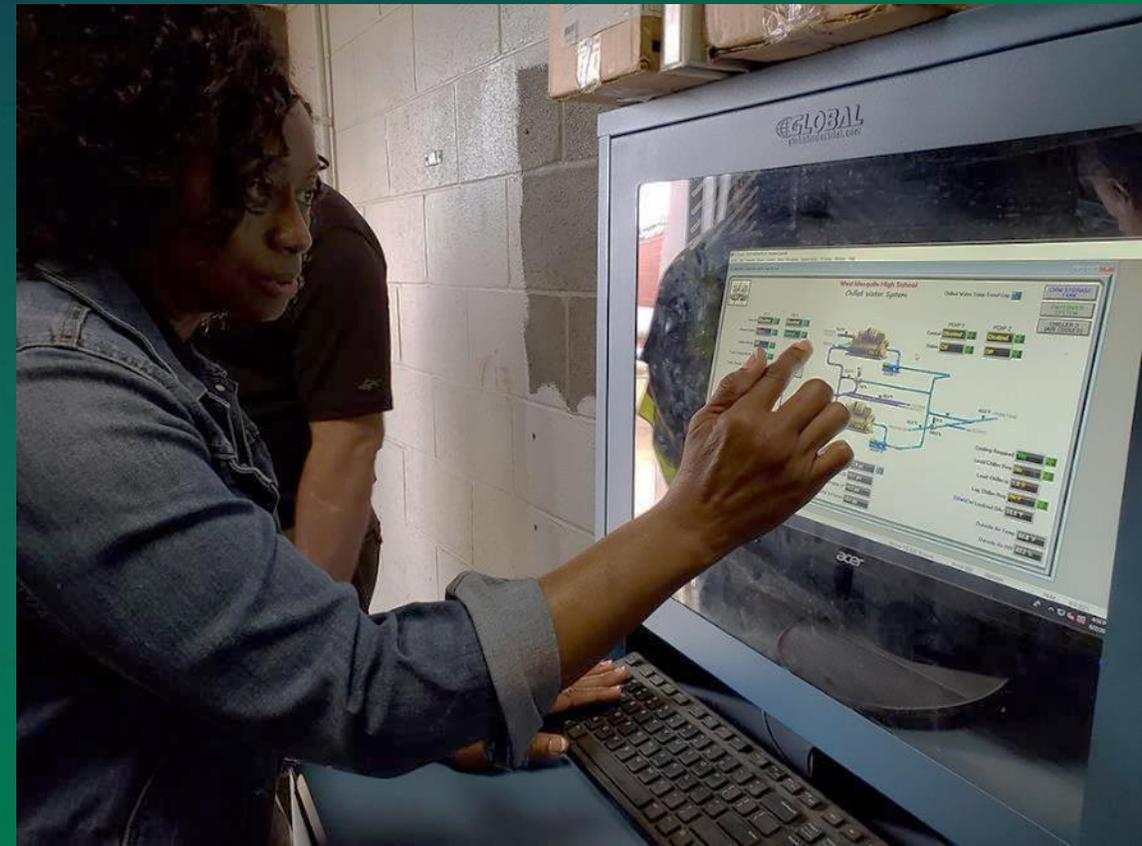
Balancing the comfort of staff and guests with reasonable conservation efforts is the first priority

- Report saving opportunities to the Energy Specialist
- Support and participation from each staff member is vital for the energy program's success
- More than just a “green initiative”
- Communication is key



Municipal Staff's Role

- Understand energy use and waste in their area
- Cultivate habit in turning off lights, computers, appropriate equipment when leaving
- Participate in weekend and holiday setback opportunities
- Every staff member has a major role in helping reduce energy consumption, positioning City of Clearwater as an energy conservation leader



The Results: Green is Green®

Saving energy has environmental impact of:

- Lowering carbon footprint
- Taking cars off the road
- Planting trees

Saving money allows the city to:

- Offset rising energy costs
- Reinvest funds in other city priorities

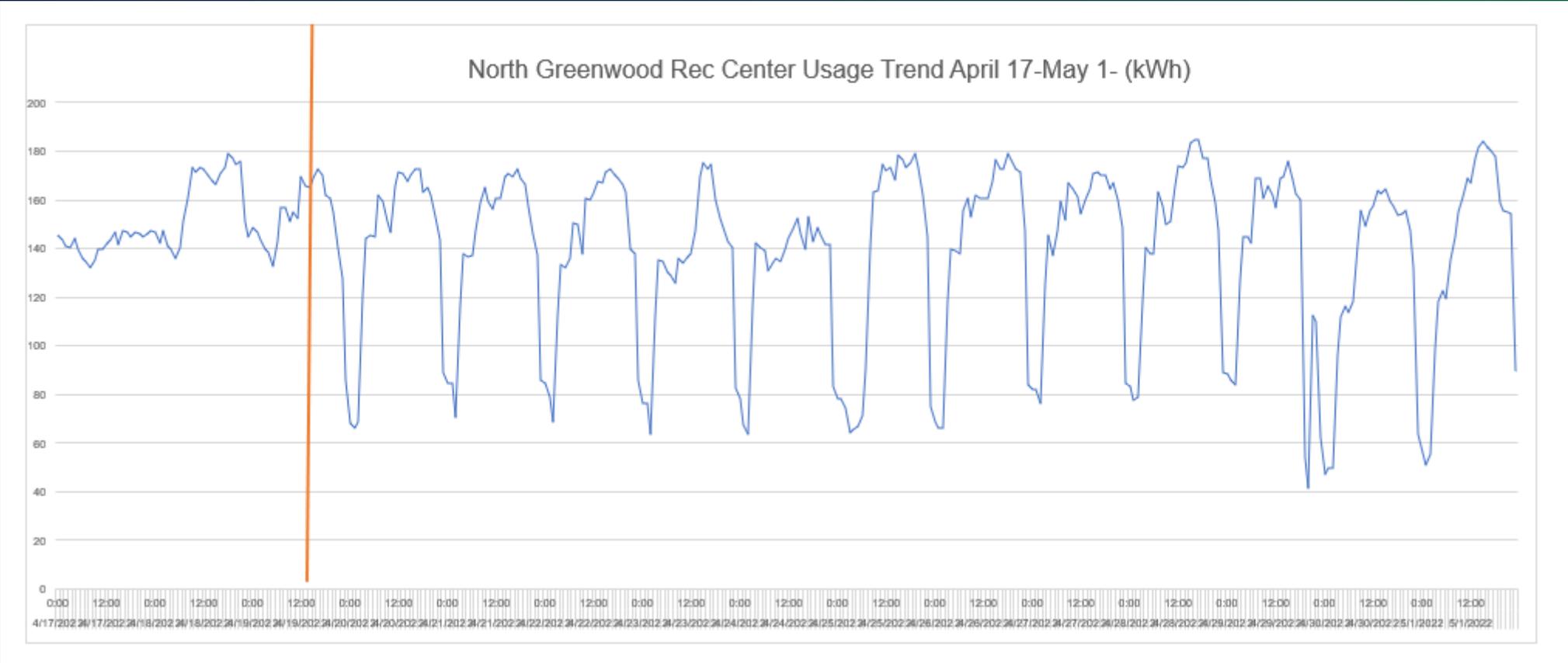
Cenergistic conservatively projects: \$3MM in net savings in the first 5 years



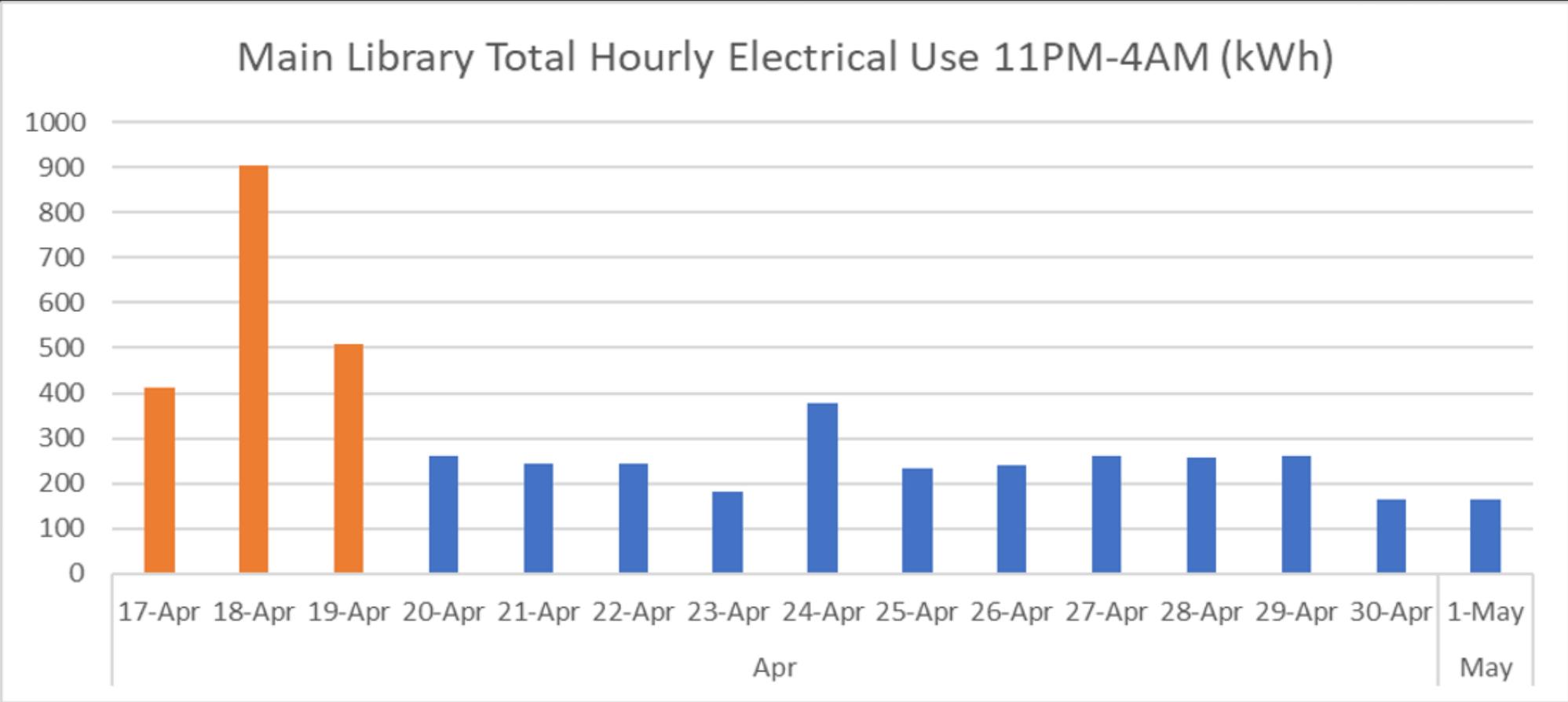
Early Operation Wins and Improvements

Site	Impacted Square Footage	Weekly Hours Reduced
Armory	17,308	96
Clearwater Beach Library	2,000	28
Clearwater Gas	12,540	84
Countryside Library	22,404	76
Countryside Rec	25,140	88
Main Library	98,550	4
Morningside Rec	25,000	28
North Greenwood Rec	8,250	28
Old City Hall	30,107	140
PBI (East & West)	29,016	96
Public Service	56,454	96
Ross Norton Rec	23,264	73
Totalized Values	350,033	837

Early Operation Results



Early Operation Results



Special Thanks

- City Manager's Office
- General Services
- Information Technology
- Finance



Thank You!

