

City of St. Petersburg
Health, Energy, Resiliency & Sustainability Committee Meeting
September 24, 2020 – 10:50 AM

Welcome to the City of St. Petersburg City Council Health, Energy, Resiliency & Sustainability Committee Meeting. The agenda and supporting documents are available on the City's website: www.stpete.org/meetings or by emailing: city.clerk@stpete.org

NOTE: City buildings are closed to the public due to the COVID-19 emergency. Accordingly, the meeting location has been changed from in-person to a “virtual” meeting by means of communications media technology pursuant to Executive Order Number 20-69, issued by the Governor on March 20, 2020, and Executive Order 2020-30 issued by the Mayor on July 8, 2020.

The public can attend the meeting in the following ways:

- Watch live on Channel 15 WOW!/Channel 641 Spectrum/Channel 20 Frontier FiOS
- Watch live online at WWW.stpete.org/TV
- Watch on your computer, mobile phone, or another device at: <https://zoom.us/j/95759291708>
- Listen by dialing any one of the following phone numbers and entering - **Webinar ID: 957 5929 1708 #**
 - +1 312-626-6799
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 - +1 301-715-8592
 - +1 346-248-7799
 - +1 669-900-6833

City of St. Petersburg
Health, Energy, Resiliency & Sustainability Committee
September 24, 2020 – 10:50 AM

Members: Committee Chair Gina Driscoll, Committee Vice Chair Brandi Gabbard, Council Member Darden Rice, & Council Member Robert Blackmon

Alternate: Council Chair Ed Montanari

Support Staff: Bryan Casañas-Scarsella – City Council Legislative Aide

1) Call to Order

2) Approval of Agenda

3) Approval of August 27, 2020 Minutes

4) New Business – September 24, 2020

- a) **Continued Discussion of Energy Efficiency Projects & Review of First Tier List of Potential Projects for REIF Utilization** – *Sharon Wright, Ann Livingston, Brejesh Prayman, & Anne Fritz*
- b) **National Energy Efficiency Day + National Drive Electric Week - Online Tips and Virtual Events** – *Sharon Wright*
- c) **Brief OSR Updates** - *Sharon Wright, Ann Livingston*

5) Upcoming Meeting Dates & Tentative Agenda Items

October 22, 2020

TBD

General Attachments:

Minutes of the August 27, 2020, HERS Committee Meeting
Pending and Continuing Referral List
Agenda Item Support Material

City of St. Petersburg
Health, Energy, Resiliency & Sustainability Committee
August 27, 2020 Meeting Minutes
Zoom Virtual Meeting

Present: Committee Members – Committee Chair Gina Driscoll, Committee Vice-Chair Brandi Gabbard, Council Member Darden Rice, Council Member Robert Blackmon, and Council Chair Ed Montanari (Alternate)

Also Present: Assistant City Administrator Tom Greene, Assistant City Attorney Christina Boussias, Healthy St. Pete Coordinator Kim Lehto, and Julie Rocco (Foundation for a Healthy St. Pete)

Support Staff: Jayne Ohlman - City Council Legislative Aide

1. **Call to Order** – 10:51 AM
2. **Approval of Agenda** – CM Gabbard moved approval, all members voted in favor.
3. **Approval of August 13, 2020 Minutes** – CM Gabbard moved approval, all members voted in favor.
4. **New Business –August 27, 2020**

Review Draft Resolution of Support for the Creation of a Food Policy Council – *Committee Chair Driscoll, Julie Rocco (Foundation for a Healthy St. Pete), Assistant City Attorney Christina Boussias*

Committee Chair Driscoll introduced Julie Rocco, a Senior Community Engagement Advocate at the Foundation for a Healthy St. Petersburg, who began with an overview of the progress made so far for the soon to be established Food Policy Council. Ms. Rocco explained that individuals from multiple organizations/sectors have been identified and she has reached out to those individuals to determine their interest in participating in the Food Policy Council. Ms. Rocco stated that as of now, she has identified 18 potential members from various sectors that influence and/or are influenced by the local community-based food system. Ms. Rocco explained that the following organizations have been invited to participate in the Food Policy Council:

- Pinellas Suncoast Transit Authority (PSTA)
- Sustainable Urban Agriculture Coalition
- Black Farmers
- League of Women Voters
- Unite Pinellas
- St. Pete Chamber of Commerce
- Deuces Live
- Pinellas Community Church
- Feeding Tampa Bay
- St. Pete Free Clinic
- USF St. Pete
- Pinellas Community Schools
- The City of St. Petersburg (Healthy St. Pete/Health in all Policies – HiAP)
- Johns Hopkins All Children’s Hospital
- Area Agency on Aging
- Florida Wildlife Corridor
- The St. Pete Grocery Cooperative
- Feeding America – SNAP Benefits Program

Ms. Rocco noted that when the invitations were extended, organizations inquired if more than one designee could serve on the Food Policy Council. Ms. Rocco explained that although more than one voice is welcome, and organizations can certainly assign more than one designee

to attend the meetings, the structure of the Food Policy Council will be “one organization, one vote.” Once individuals are designated, the Food Policy Council will have their first meeting to establish goals and the role of the group.

CM Driscoll advised Ms. Rocco that she is in discussions with the Florida Department of Agriculture and Consumer Services about their potential role on the Food Policy Council.

Committee Vice-Chair Gabbard asked if an invitation has been extended to individuals in the education sector, such as Pinellas Technical College. Ms. Rocco responded that an invitation was extended to the Pinellas County School System and she also added that a few of the committed organizations listed above have representation in the educational sector, such as the Sustainable Urban Agriculture Coalition’s work with the Enoch Davis Youth Farm.

CM Gabbard asked for clarification on the official relationship the City will have with the Food Policy Council and inquired what, if any, Sunshine Law requirements the Food Policy Council might be subject to. Assistant City Attorney Christina Boussias, along with Committee Chair Driscoll, explained that the intent of the resolution is to support the creation of a Food Policy Council, which will be independent of the City and will serve as a stakeholder/advisory group and will not be subject to Sunshine Law. CM Driscoll explained that in researching other food policy councils, it was clear that the groups that were independent of local governments had more productive collaboration and outcomes.

Council Member Rice noted that in addition to PSTA’s participation, she suggested that Ms. Rocco reach out to Forward Pinellas for additional input from the transportation and planning sector.

CM Gabbard moved approval of the resolution in support of the creation of the Food Policy Council and all members voted in favor.

CM Driscoll adjourned the meeting at 11:16 AM

	Topic	Return Date	Prior Meeting	Referral Date	Referred By	Staff	Notes
1	Discuss 1 st tier list of potential energy efficiency projects that will utilize REIF funding as part of the continued discussion on Energy Efficiency, Solar, and Project Funding/Prioritization	9/24/20	7/26/18 9/12/19 11/14/19	9/15/16	Driscoll/Nurse	Sharon Wright Ann Livingston Brejesh Prayman Anne Fritz	9/12/19 – BP reallocation approved to continue energy efficiency projects. Continued discussion of energy efficiency projects & funding options scheduled for 11/14/19 – Committee voted to approve 2020 Proposed Energy Efficiency & Funding Programs. Committee requested that staff return to present project priorities on an ongoing basis 8/13/20 – Return with 1 st tier list of potential energy efficiency projects that will utilize REIF funding
2	Discussion of the City’s Environmental Purchasing Policy & a potential ordinance to formalize the City’s commitment to sustainability as part of a broader discussion of a “Sustainable City Hall”			6/4/20	Driscoll	Sharon Wright	7/30/2020 – Combined with the discussion of a “Sustainable City Hall” per Chair Driscoll’s request
3	Requiring 240-volt EV pre-wire in all new single family home construction & a possible exemption for affordable housing	Fall 2020		9/6/18	Gabbard	Liz Abernethy Sharon Wright	1/30/2020 - CM Gabbard stated that this item will be included as part of the St Pete 2050 discussion.
4	Creating an incentive program for homeowner hurricane mitigation efforts in repetitive loss neighborhoods		3/14/19	7/12/18	Gabbard	Noah Taylor	1/30/2020 - Chair Driscoll asked CM Gabbard to provide a brief update on the status of this program
5	Discuss current herbicide/pesticide use & the potential adoption of restrictions on those containing harmful chemicals			5/2/19	Driscoll	Mike Jefferies Paul Booth	10/10/19 – Per Chair Driscoll: County formed a taskforce for this specific issue and City staff members including Mike Jefferies are participating. Driscoll will report back with their findings.
6	Potential ordinance to establish a user-fee for single-use plastic bags		11/15/18	--	HERS Committee	Michael Dema, Sharon Wright	10/10/19 - Sharon Wright would like to bring this back for discussion in 2020 once the current plastic/straw ban is fully enforced
7	Respectfully requesting a discussion with the Pinellas County Health Department regarding the HIV/AIDS epidemic	May 2021	5/28/20	2/6/20	Wheeler-Bowman	Pinellas County Health Dept.	5/28/20 – Presentation by Pinellas County Dept. of Health. Committee asked for annual updates.
8	Discuss Draft Resolution in Support of the Creation of a Food Policy Council in St. Pete		7/30/20 8/27/20	12/5/19	Driscoll	Julie Rocco (Foundation for a Healthy St. Pete) Christina Boussias	7/30/20 – Committee voted for staff return with draft resolution in support of the creation of a <i>Food Policy Council</i> 8/27/20 – Committee approved draft resolution 9/3/20 – City Council approved resolution in support of the creation of a food policy council

9	Addressing food insecurity in St. Petersburg, the expansion of healthy food options, especially where food insecurity is most concentrated		7/30/20	12/5/19	Driscoll	Kim Lehto	7/30/20 – See July 30 meeting minutes for a full account of the committee’s “brainstorming session” for addressing food insecurity in St. Pete
10	Review Analysis of Duke Energy Florida’s Clean Energy Connection Program & Provide Input for Continued Work with DEF & the Public on this & Other Relevant Programs & Policies		8/13/20	-	Staff	Sharon Wright Ann Livingston	8/13/20 – Update on Duke Energy FL’s CEC program and benefits on early subscription for the City
HERS 2020 Dates: 1/30 , 5/28 , 7/30 , 8/13 , 8/27 , 9/24 , 10/22, 11/12* , 12/10*							* Tentative



MEMORANDUM
City of St. Petersburg HERS Committee
Meeting of September 24, 2020

To: The Honorable Gina Driscoll, Chair and Members of the HERS Committee

Subject: **Initial REIF Project Bundles: Energy Efficiency Retrofits and Retro-commissioning of Existing Municipal Facilities**

Purpose and Presentation Overview

This purpose of the HERS presentation is to level set on progress and to review upcoming potential projects for the Energy Efficiency Retrofits and Retro-commissioning of Existing Municipal Facilities priority [Integrated Sustainability Action Plan \(ISAP\)](#) priority action.

What is a Program for Existing City Buildings?

In general, renovations, retrofits, and improved operational practices are included in a program that will improve energy performance of the city building assets and avoid costs over the long-term. Behavior changes and system improvements including lighting HVAC, water heating performance improvements and controls are examples of common initial steps for increasing building efficiency. Envelope improvements may include energy-saving windows, doors, roofs, walls, and air sealing. Deep dives include monitoring, commissioning, and regular adjustments. Once energy efficiency is maximized, renewables like solar can be added to reduce GHG emissions, improve resiliency, and get to net zero energy and restorative buildings.

Improvements are prioritized as much as possible for cost and energy savings to optimize payback. The goal is to use energy cost savings to pay back upfront costs and/or debt.

Why Develop a Program for Existing City Buildings?

Most of the air pollution and greenhouse gas (GHG) emissions and a significant amount of water used across the City of St. Pete comes from powering our buildings. Since the purchase of electricity for City buildings and other facilities is the largest contributor to the City's overall emissions, reduction in electricity purchases represents the greatest opportunity for cost-savings and emissions reduction.

The city has also made a commitment to shift away from energy that is generated through the burning of fossil fuels towards investments in clean, renewable energy. Implementing projects to make our buildings more energy efficient means less energy and money is wasted through the process of powering the building while encouraging and setting an example for green building practices. By

pursuing these goals, the City will curb waste, save money over the long term, create new jobs, and support a cleaner, healthier environment.

Revolving Energy Investment Fund (REIF) Bundle 1

In 2019, staff stated that energy efficiency projects funding pathways include general and bond funds, utilization of a REIF, solar leasing, and possible energy services or pay for performance approaches. This presentation focuses on a “Bundle 1” of potential REIF-funded projects. Bundle 1 includes low risk projects that can be procured and implemented relatively quickly and contribute to early overall success of the REIF approach.

Bundle 1 REIF Potential Projects

Facility	LED Lighting	Bldg. Env	Air Curtain	HVAC Maint.	Estimate (\$)	Annual Savings (\$)	Simple ROI (Yrs.)
Azalea Community Center	X	X	X		\$ 14,190	\$ 1,911	7.4
Childs Park Rec Center	X	X	X	X	\$ 46,640	\$ 7,361	6.3
Enoch Davis Rec Center	X	X	X		\$ 33,330	\$ 4,582	7.3
Fire HQ	X	X			\$ 40,150	\$ 7,550	5.3
Fire Station #3	X				\$ 11,990	\$ 1,905	6.3
Fire Station #4	X				\$ 14,740	\$ 1,385	10.6
Gladden Rec Center	X	X	X	X	\$ 78,650	\$ 12,392	6.3
JW Cate Rec Center	X	X	X		\$ 64,570	\$ 9,098	7.1
Mirror Lake Library	X	X	X	X	\$ 78,870	\$ 8,771	9.0
PD Buildings F & G	X				\$ 83,985	\$ 7,907	10.6
Thomas "Jet" Jackson Rec Center	X	X	X		\$ 65,890	\$ 8,262	8.0
Walter Fuller Rec Center	X	X	X	X	\$ 39,600	\$ 9,250	4.3
TOTAL					\$ 572,605	\$ 80,373	7.1

COVID-19 and Other Considerations

Data collection and analysis for Energy Efficiency & Renewables were restarted as early as 2016 with early indications that the City likely had a \$28 million program. Funding was extremely limited, but over the course of 3-4 years, BP Settlement and Qualified Energy Conservation Bond funding were used to implement some energy efficiency and renewables projects.

At the time of City Council approval of REIF funds (\$1 million from General Fund and \$1 million from Penny for Pinellas Funds), the team was updating the limited available data and high-level facility assessments to evaluate initial REIF projects that can be tracked and paid back through utility cost savings. There was also leadership support for building/facilities asset management investments, the hiring of an Energy Professional and a fairly optimistic budget outlook.

At this time, no asset management work is started, and it is indefinitely on hold. Hiring of new staff is on hold, but the Energy Professional position is likely a priority once any hiring is possible. In addition, factors related to COVID-19 such as reduced budgets, changing Centers for Disease Control (CDC) guidelines related to occupancy safety standards, and the fact that assets like HVAC elements are even further beyond their life since assessed in 2016/2017, facilities and energy efficiency upgrades for Bundles 1 and 2 will remain a little more dynamic than hoped by this time.

The team may further refine the Bundles to fewer work sites as well as limit work at sites where results are hindered by further deferred maintenance, and prioritize LED lighting retrofits, maintenance tune ups for payback and reduced management needs. This is not a big change from the original approach. However, given the status quo in the city facilities, we may have implemented more HVAC enhancements or controls which are effective, but may require more ongoing management. As a result, we may increase the number of lighting projects which are low risk and needed in most city facilities. We may also shift to using REIF to make some currently funded improvements, like HVAC replacements that were a “like kind” replacement more efficient—the REIF would fund the incremental or “efficiency related” costs associated with installing a higher efficiency option and not the basic replacement cost.

REIF Bundle 2 - Coming Soon

Bundle 2 will likely include similar projects to Bundle 1 as the team gathers additional facility information. Bundle 2 could also include commissioning of facilities and/or maintenance tune-ups which can have a one to two-year payback but will likely require a slightly RFP/RFQ procurement process which will begin before end of 2020.

The bullets below summarize descriptions of commissioning types and maintenance.

- **Commissioning:** Process of assuring that all systems and components of a new building or industrial plant are designed, installed, tested, operated, and maintained according to the operational requirements of the owner or final client.
- **Retro-commissioning:** improve performance of existing buildings in terms of energy, occupant comfort, and other goals through systematic evaluation of operational processes, scheduling, equipment performance, etc.
- **Recommissioning:** similar, but applies to buildings previously commissioned

- **Maintenance Tune-Ups:** more focused on deep preventative maintenance and less on operations and scheduling (ex. coil cleanings, lubricate moving parts, check fluids/refrigerants, check cycling, duct leakages or blockages, check pressurization)

All of the above energy efficiency treatments will:

- Have operations and/or maintenance focus, but may reveal additional repair/replacement issues
- Are highly cost-effective
- Can assist with staff training and asset management goals
- Typically implemented on a regular cycle (3-5 years)—can create an ongoing program with facilities scheduled in bundles (e.g., 1/5 of buildings each year of a 5-year cycle)

REIF Monitoring & Payback Structure

Data tracking and analysis in coordination with multiple departments and Duke Energy Florida, will serve as the preliminary tracking system. The team will continue to develop recommendations to make the process more automated as more facilities and improvements are brought into the Project Set.

1. OSR Lead: Calculate, conservatively, payback based on 1-3 years of energy data for the facility
2. OSR/Finance Lead: Use percent savings results to recoup a flat rate
3. Engineering/OSR Lead: Load monthly DEF data into latest tracking tool (Excel, Socrata, Open Gov)
4. OSR Lead: Regular check ins with facility staff to maximize energy savings
5. Finance Lead: True up and transfer, quarterly, back to the REIF after implementation
6. OSR Lead: Summary report

Summary Remarks

Using the REIF as a tool for reinvestment can commonly be at risk to be used for deferred maintenance or capital projects. The earlier analysis for REIF projects assumed some planned HVAC replacement and other needs at some of the facilities. Continued coordination with facility managers and continued alignment with budgets can help solve issues and optimize work and savings. In addition to the considerations mentioned along with COVID previously, it is also this type of issue that requires great attention and problem-solving to make sure the first heavy lifts of program development and project bundles have successful outcomes.

Materials Included

- Preliminary/Draft slides for committee meeting



HERS COMMITTEE

Facility/Asset Management:
Energy Efficiency Retrofits and Retro-commissioning of Existing Municipal Facilities

September 24, 2020



1

Energy Efficiency Retrofits and Retro-commissioning of Existing Municipal Facilities



- Asset Management
- Progress & Level Set for Pathway 1 (muni bldgs.)
- Potential REIF (Revolving Energy Investment Fund) Projects
 - Approach – Projects list developed toward a full facilities/asset data set
 - REIF – Short list set of projects for “Bundle 1”
 - Estimated ROI based on costs and energy savings
 - Procurement pathway availability
 - Monitoring & Reinvestment
 - Actual utility bill savings

Pathway 1
Advance Energy Efficiency in Existing Buildings

Pathway 2
Build Infrastructure that is Efficient and Renewables-Ready

Pathway 3
Create and Procure Renewable Energy

Pathway 4
Develop a Smart, Reliable, and Resilient Energy System

Pathway 5
Enhance and Electrify Transportation to Reduce Energy Use

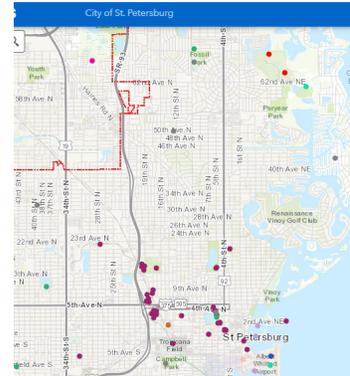


ISAP Clean Energy Roadmap

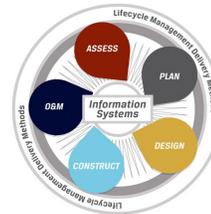
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Facility/Asset Management

- Measuring and maximizing the value of assets with the goal of improving maintenance productivity, optimizing equipment reliability and maximizing asset return on investment
- City Asset Management
 - Gray infrastructure
 - Water, wastewater pipes, plants, processors
 - WHAM?
 - Green infrastructure – Real estate + none yet
 - Parks, trees, stormwater management features
 - Real estate + GIS – minimal data points
 - Roads, sidewalks
 - GIS – minimal condition information, mostly LOS
 - Buildings –
 - Real estate + GIS footprint and name; minimal data points/conditions



Facility Asset Management



3

Energy Management step to Full Asset Management Concept

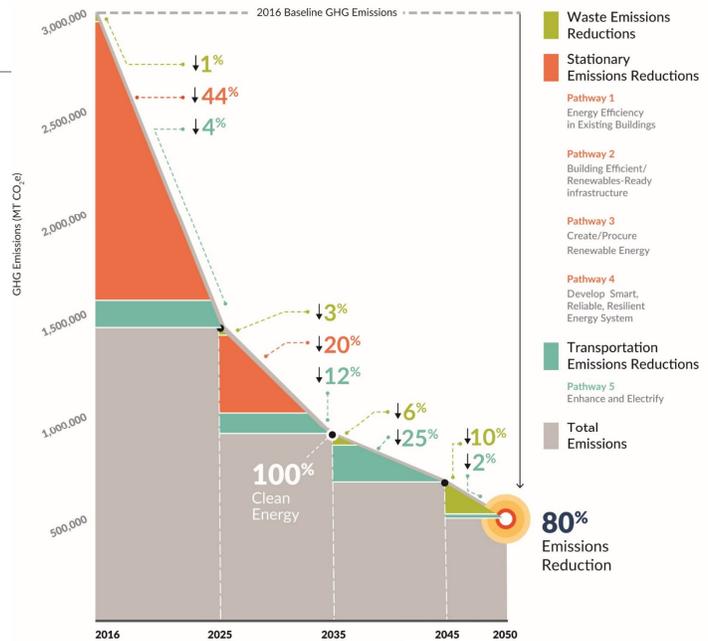
- Centralize facility upgrade approach – incremental and ongoing steps based on resources and best organizational structure for City teams.
 - Complete facility condition assessments, asset management portfolio and create asset management long range plan
 - Common practice: controls, submeters, tracking, monitoring, adjustments
 - Develop specifications to city energy efficiency standards
 - Fund energy efficiency investments and strategically utilize savings
 - Staff: Energy Manager
 - Staff training across departments– Energy Star Portfolio Manager, behavior changes, O&M collaboration & guidance
 - Partner with institutions and energy providers



4

ISAP Clean Energy Roadmap

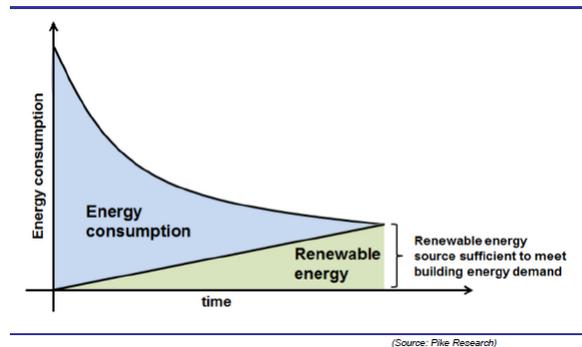
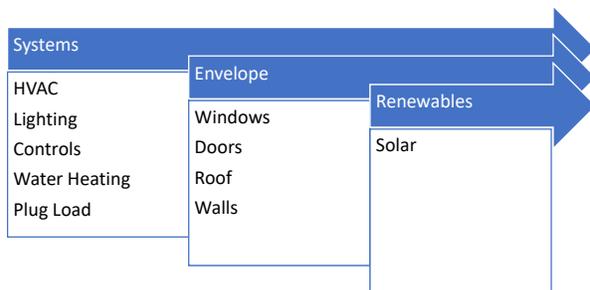
Requires a 44% reduction in building GHG by 2025 through the 80% reduction target



5

Optimizing to 100% Clean Energy

REIF project opportunities with 10 year simple payback or less



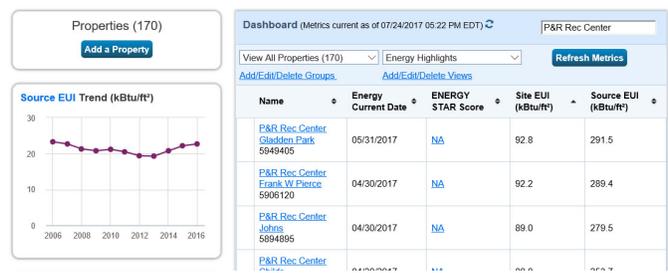
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6

Energy Efficiency Retrofits Approach

Compile Initial Potential Projects Portfolio

- Analyzed project requests since 2016
- Reviewed most recent (2019/2020) project requests funded/unfunded
- Evaluated departments CIP – 5 years
- USF Clean Energy/Facility Site Visits (2017 – 2019)
- Compiled other limited available building data



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Initial REIF Projects

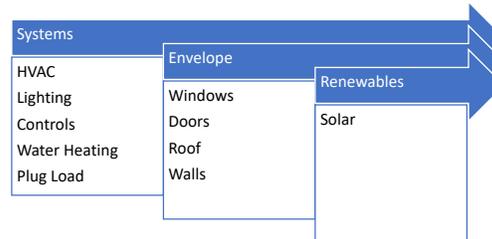
- Evaluate Level 1 Facility Assessment and other available data for project sets
 - lighting, HVAC replacement, HVAC maintenance, building envelope, solar
- Apply REIF Criteria – baseline of energy use, costs, payback period, not deferred maintenance
 - Bundle 1 selected also because of procurement method: Blanket Purchase Agreement (BPA) or Job Order Contract (JOC)
- Keep other project sets in mind for other funding pathways
 - Bond
 - Pay for Performance/Services
 - Solar Lease
- Consider COVID guidance provided by CDC



8

Energy Efficiency Retrofits: Bundle 1 Project Types

- LED Lighting with Controls
- Add into scope based on ROI:
 - Building Envelope
 - Air sealing
 - Window Film
 - Air Curtains
 - Building Controls
 - Enhanced HVAC Maintenance



- ✓ Certainty
- ✓ Available information
- ✓ Quicker procurement path: JOC, BPA



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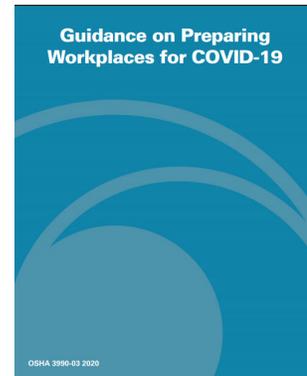
Energy Efficiency Retrofits: Bundle 1 ROI Summary

Facility	LED	Bldg. Env	Air Curtain	HVAC Maint.	Estimate (\$)	Annual Savings (\$)	ROI (Yrs.)
Azalea Community Center	X	X	X		\$ 14,190	\$ 1,911	7.4
Childs Park Rec Center	X	X	X	X	\$ 46,640	\$ 7,361	6.3
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				TOTAL	\$ 572,605	\$ 80,373	7.1

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Energy Efficiency Retrofits: Bundle 1 Considerations

Project Type	Payback Ranges	Approx. Project Life
LED Lighting	4-8 yrs.	15 yrs.
HVAC Maintenance	4-10 yrs.	10 yrs.
Air Seals, Curtains, Window Film	Up to 11 yrs.	15 yrs.



- 10 – 15 yrs. project life – approx. additional savings \$230,000 - \$550,000+
- COVID Review – still some logistics and dynamics
- Additional needs/optimizations/enhancement elements on a site may be included

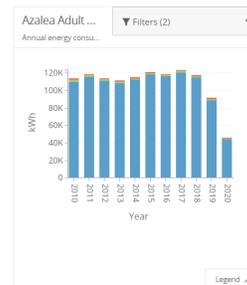


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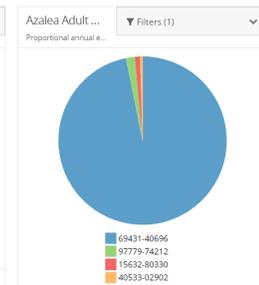
Monitoring for Success

- Regular, timely access to utility bill information to evaluate savings opportunities and project impacts
- Data visualizations and reports available
- Energy usage and cost viewable by facility managers
- Regular coordination through working groups

Azalea: Cumulative kWh (Annual)



Azalea: % of kWh by Account (2019)



12

Payback & Reinvestment

Payback Structure

- REIF account currently established (\$2M)
- Review facility's appropriate bill history (1 – 2 years, more if anomalies)
- Facility budget line item stays the same at least until REIF repaid
- 90% of savings from actual bills (post ECM implementation) go into REIF
 - Provides buffer for extreme weather, other factors
- Payback is transferred internally on quarterly basis
 - Likely be part of budget clean up for 2021

Continued Investment & Reinvestment

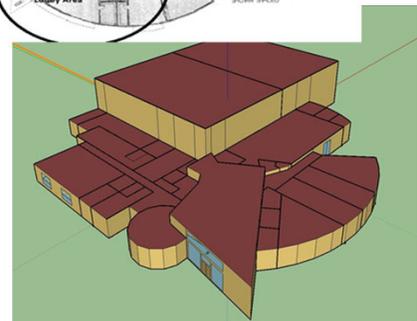
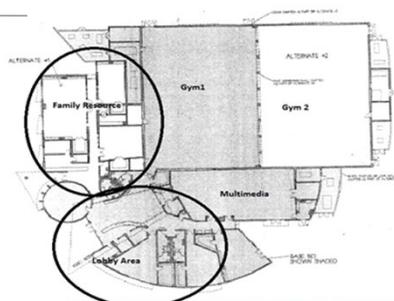
- ❖ When possible, continue to fund REIF
- ❖ As initial paybacks build up reinvest into energy efficiency & renewables



13

Next Steps Bundle 1

- Identify material and equipment selection
- Continued communication/coordination with facilities contacts
- Authorizations can be completed by BPA or JOC
 - City Council approval may be required for larger purchases
- Preliminary discussions with JOCS about projects, goals
- Authorize Contractors
- Notify Contractors of an anticipated start date



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Next Steps Bundle 2

- Additional facilities similar to REIF Bundle 1
 - Need facility assessment data
 - Systems & controls
 - Building envelope
- O&M-based services
 - Maintenance tune ups
 - Retro-commissioning/Recommissioning
- Delta to higher efficiency (while transitioning to city standards for efficiency)
- Goal to procure Q1 2021



15

Retro-commissioning, Recommissioning, and Maintenance Tune-Ups

- **Retro-commissioning:** improve performance of existing buildings in terms of energy, occupant comfort, and other goals through systematic evaluation of operational processes, scheduling, equipment performance, etc.
- **Recommissioning:** similar, but applies to buildings previously commissioned
- **Maintenance Tune-Ups:** more focused on deep preventative maintenance and less on operations and scheduling (ex. coil cleanings, lubricate moving parts, check fluids/refrigerants, check cycling, duct leakages or blockages, check pressurization)
- **All:**
 - Have operations and/or maintenance focus, but may reveal additional repair/replacement issues
 - Are highly cost-effective
 - Can assist with staff training and asset management goals
 - Typically implemented on a regular cycle (3-5 years)—can create an ongoing program with facilities scheduled in bundles (e.g., 1/5 of buildings each year of a 5 year cycle)



16

Proclamation: National Energy Efficiency Day – October 7

ENERGY EFFICIENCY DAY
Save Money. Cut Pollution. Create Jobs.

Sound Bites for Social Media:

Energy Efficiency saves money, cuts pollution and creates jobs.
For Energy Efficiency Day, #EEDay2020, join the City to cut energy waste on Oct. 7.
bit.ly/EEDay2020

#SaveMoney = #CutPollution = #CreateJobs. Stand with St. Pete to cut energy waste for National #EnergyEfficiency Day on Oct. 7 bit.ly/EEDay2020 #EEDay2020



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National Drive Electric Week

Raising awareness of EV benefits nationwide September 26 - October 4, 2020

****Join Our Event****

Virtual Electric Vehicle Ride and Drive - Chevy Bolt

WEDNESDAY, SEPTEMBER 30, 2020

6:00 PM EDT – 7:00 PM EDT

Hosted by: Southern Alliance for Clean Energy, Sierra Club, and City of St. Petersburg

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Brief OSR Updates

- Duke Energy Collaborations/Other
- Solar Improvement
- Bloomberg American Cities Climate Challenge
- Resiliency Hub concepts
- SELF & SUN
- Capital Projects – LEED + Envision
 - How-to-Guide
 - Specifications w/city standards



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Special Thank You's!

- Parks & Recreation
- Water Resources
- Engineering
- Real Estate & Facilities Maintenance
- Fleet
- Fire & Rescue Dept.
- Police Dept.
- +More



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