

Energy Manager Update

January 2022

Deese

Energy

- 1) Change all Street Lights to LEDs
 - Have \$100K in FY22 Budget for Phase 1.
 - Preliminary partnership talks with KES involve them surplus remaining non-LED bulbs, purchasing necessary replacement bulbs and City paying for labor. Estimates provided, meeting to hammer out details/workplan week of 11/22.
 - KES gave an estimate of \$165.00 per fixture to change to LED-with \$100K budgeted we can change ≈600 fixtures this FY which is 47% of the total non-LED bulbs left with 695 remaining-852 bulbs have already been converted to LED
 - KES has asked us to partner with them on a Memorandum of Understanding for this project **contacted legal and will be working with them to get the right verbiage**
- 2) Partner with Keys Energy to develop an energy plan
 - Have asked KES to partner with us on Street Lighting to meet their Sustainability Goals.
 - **Received data from KES for the city's building-having to plug the data in month by month for each individual property to compare efficiency levels.**
- 3) KES held 2 EV workshops in May 18 and June 8
 - May 18: Good basic info on different models.
 - June 8: KES doesn't want to lead but recognizes they will be affected and need to prepare.
 - December 15: KES held an informative workshop with multiple ideas on how to approach expanding the amount of EV charging units across the city-at this time, I am unsure how the city will fit in to their plan
- 4) Compact received grant to help local governments with energy efficiency goals. Kick off meeting was 11/3.
- 5) KES Billing
 - Currently not being double billed-there are city owned "old fashioned" lights throughout the city that we own and operate- these lights are on their own meters
 - They are collecting data to give to Matt Willman to create a map showing all city meters (which will include the meter numbers and what they service) as well as municipal streetlights-KES GIS operator is out of the office until next week **** still have not heard back from KES GIS operator as of 1/5/2022**
- 6) Dead Meters:
 - Touched base with KES on the process to cut "dead" meters across the city-need to determine any future use for these 11 meters prior to cutting the service-**once that is determined, the city manager will need to sign off on the termination of the meters**

- 7) Located 31 accounts with Keys Energy that the city is legally responsible for, but the city does not own or operate the property (ex: Patterson House-the city is legally responsible for the account, but the Florida Keys Outreach Coalition pays the monthly bill). A previous city manager signed a contract with Keys energy in 2003 for the aforementioned property.
- 8) 10 Year Energy Plan
 - Completed the first year of the Energy Plan Draft
 - Began the second year of the plan
- 9) Building Ineficiencies
 - Using portfolio manager to compare City owned and operated buildings-narrowing down to the top 3 most inefficient and deciding which building to upgrade, if not all three