



FBI Energy and Water Conservation Investment Program (FEWCIP)

April 15, 2021



Why FEWCIP?

- FBI facilities face many of the same challenges as other federal facilities, one of them being energy efficiency
- Like other federal agencies, FBI's sustainment backlog means that many energy efficiency projects, although capable of yielding significant long-term energy savings (e.g. HVAC retro-commissioning), are of lower priority than more urgent projects (leaking roofs, new parking lot) and never make the cut
- FBI's Finance and Facilities Division (FFD) established a small set-aside for energy and water efficiency projects within its own budget to make awards to facilities based on a competitive application process
- Now FBI-owned and -operated sites have the opportunity to start addressing their energy performance without directly robbing their own sustainment allotments.



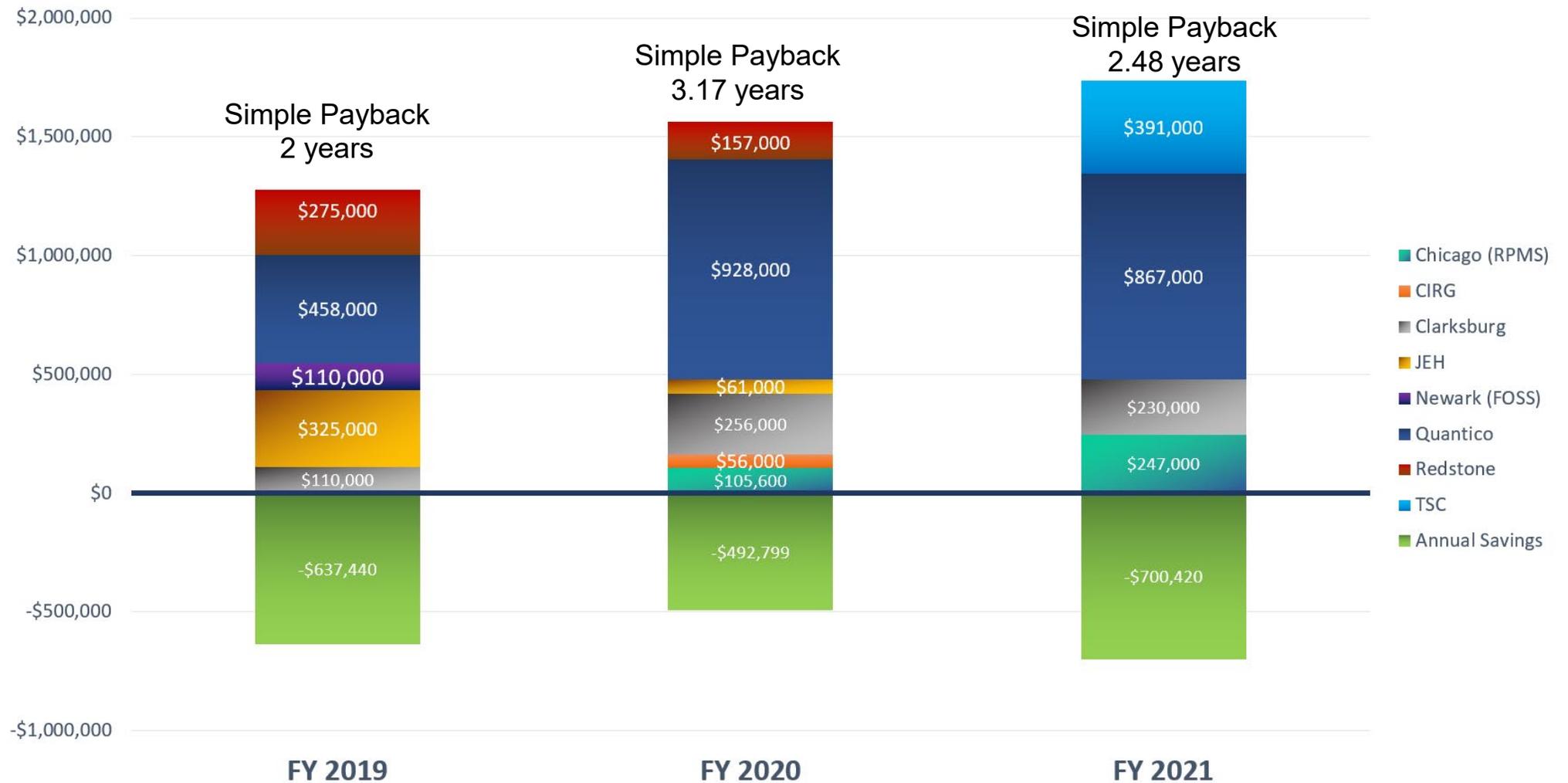
FEWCIP Overview

- Up to \$2 million FFD funding set-aside to address projects that result in significant energy and/or water savings, yet they sit unfunded due to their lower priority/deferred maintenance.
- Modeled on DOD's ERCIP (Energy, Resilience, and Conservation Investment Program)
- Began in FY 2018 with \$1.3 million in funding for FY 2019 execution
- \$1.7 million in FY 2020 and 2021 funding for multiple projects at multiple sites
- Projects must be less than \$250,000 (below FBI's Capital Planning threshold)
- Project-level simple payback ranges from <1 year to >20 years
- Average portfolio simple payback in the range of 2 to 3 years
- Projects include lighting retrofits, HVAC improvements, building automation system upgrades, metering, energy audits, and commissioning.



FEWCIP Investments and Impact

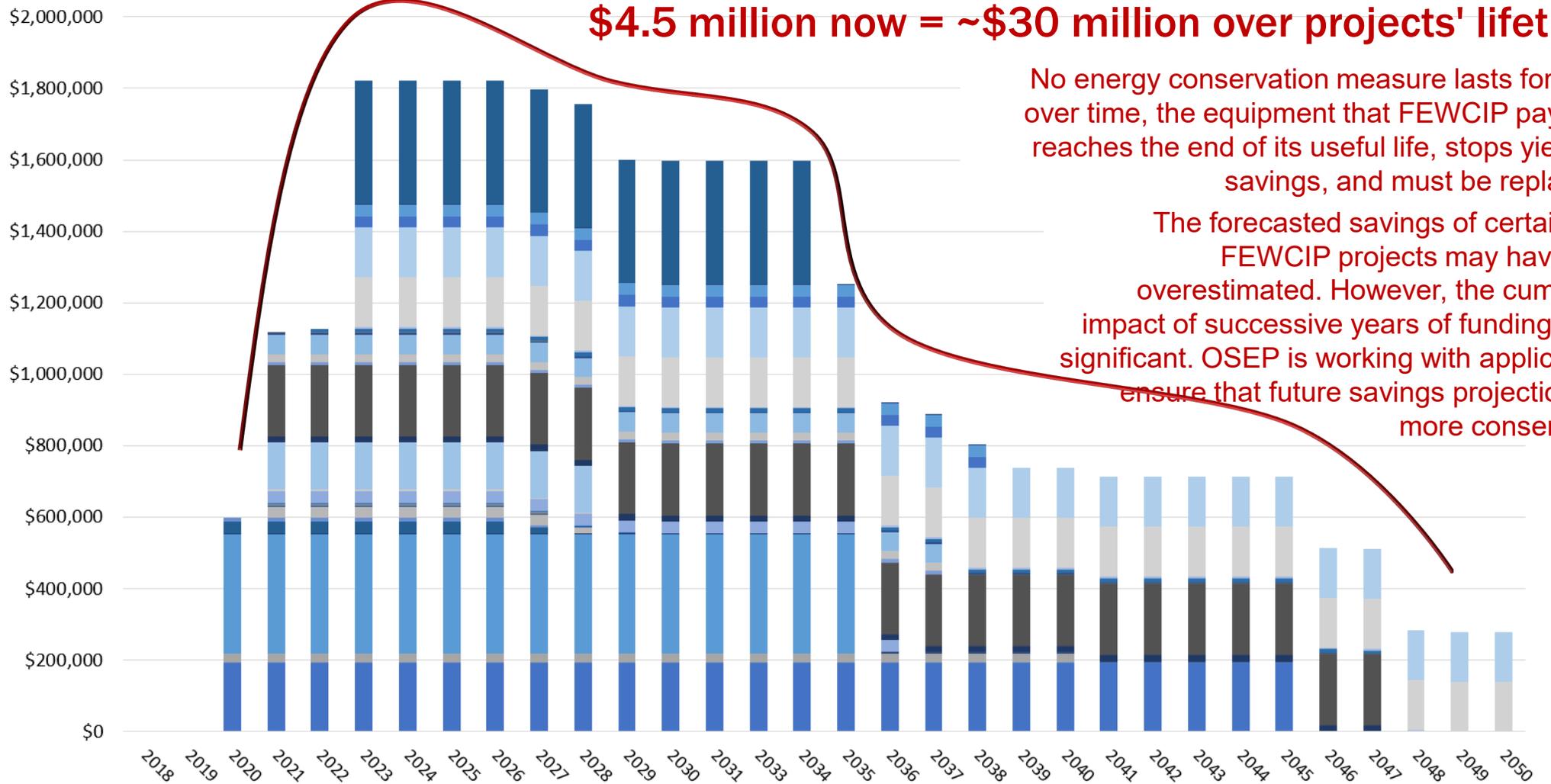
FEWCIP Award Funding and Annual Savings FY2019 - FY 2021





FEWCIP Cumulative Impact

Lifetime Projected Savings of FEWCIP Project Awards FY19 - FY21





FEWCIP Halo Effect – Ancillary Benefits

- FEWCIP communicates to FBI sites and their facilities managers that energy and water efficiency is an FBI HQ priority
- FBI sites see that innovative thinking around energy and water efficiency can be rewarded:
 - More projects are being submitted
 - More sites are submitting awards
 - Projects are becoming more imaginative
 - Projects are becoming more ambitious
- FBI sites are funding more energy and water projects with their own money, or are better at communicating the energy and water benefits of their sustainment projects
- Created a community of practice around the FEWCIP grants process, and more interest in talking about sustainability best practices in general.



Questions / Discussion