



# City of Fresno

Department of Public Utilities



## Renewable Energy & Storage Proposal

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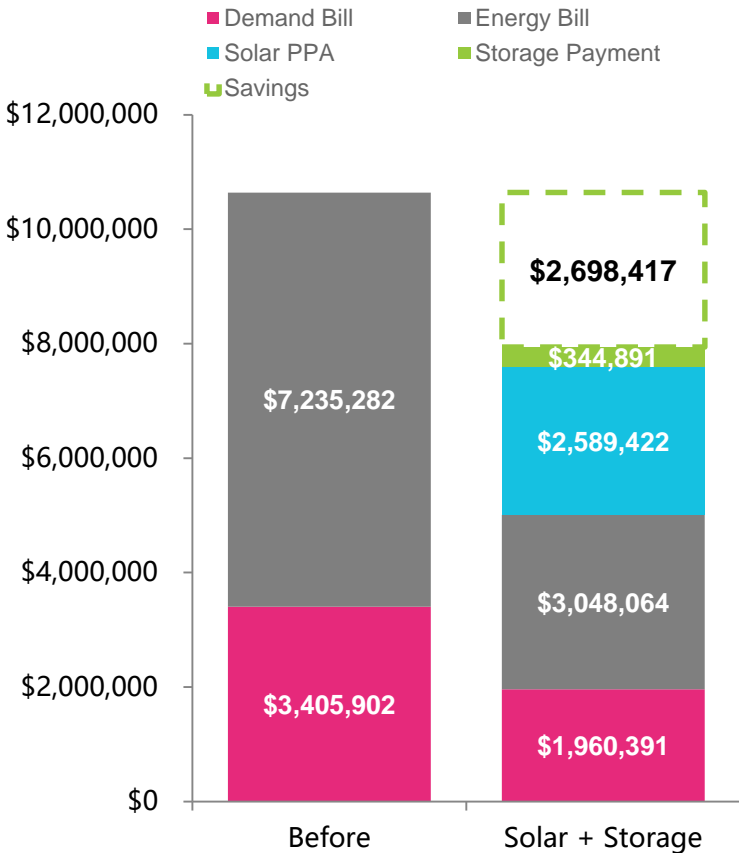
June 2020





# DPU Project Strategy & Overview

Total Year 1 Savings - Solar + Storage



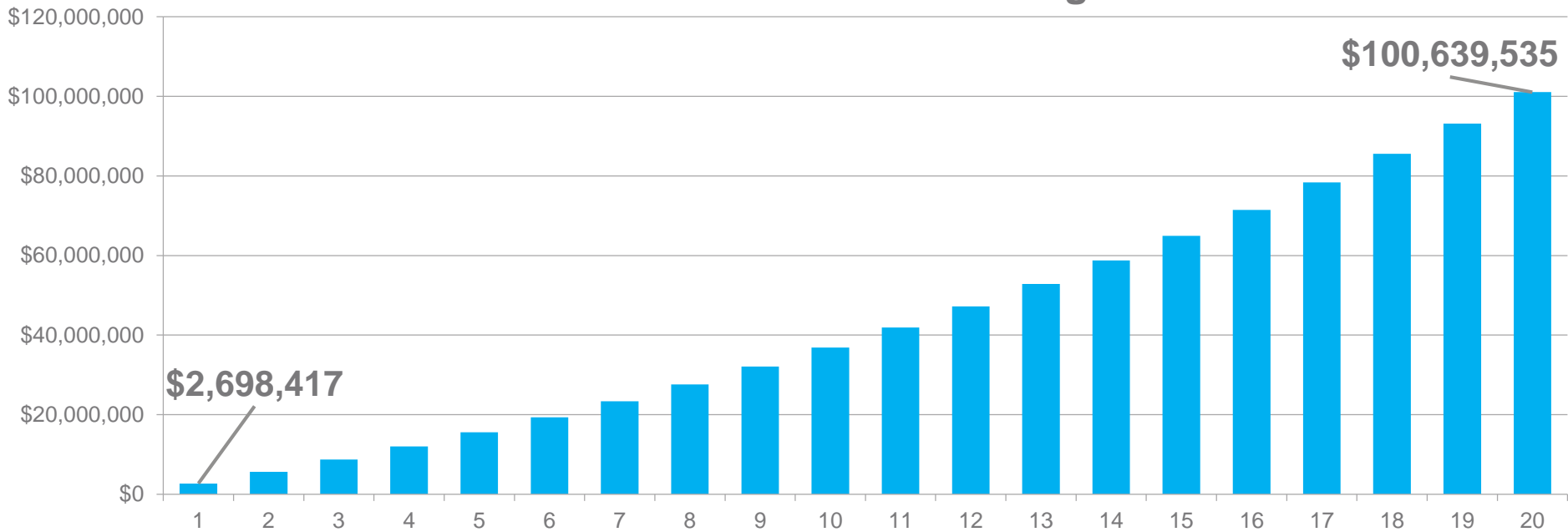
- On Site Solar Solutions
  - 20.1 MW across Surface Water Plants & Reclamation Facility
  - 64% Energy Saving Offset
- Energy Battery Storage
  - 5.5 MW across 3 sites
- Energy Savings to Rate Payers
  - +\$2.6 Million Year 1 Savings
  - +\$100 Million over 20 years
- PPA: 0% Escalation
  - No Annual Rate Increases
- 95% Solar Performance Guarantee
- Project Construction Commitment
  - Local labor hiring
  - Construction to be competitively bid



# Fresno's DPU Solar + Storage Savings

Site	Solar System Size (kW)	Storage System Size (kW)	Energy Offset	Pre-Solar Utility Bill	Year 1 Savings	20 Year Savings
DPU Solar Projects	20,194	5,500	64%	\$10,641,184	\$2,698,417	\$100,639,535

### Total - PPA Cumulative Savings



\*Assumes 2.7% Annual Utility Energy Rate Increase, 5% Utility Demand Rate Increase, Pre-Solar Utility Bill Based on New Mandatory PG&E B Tariffs



# SPURR: School Project for Utility Rate Reduction

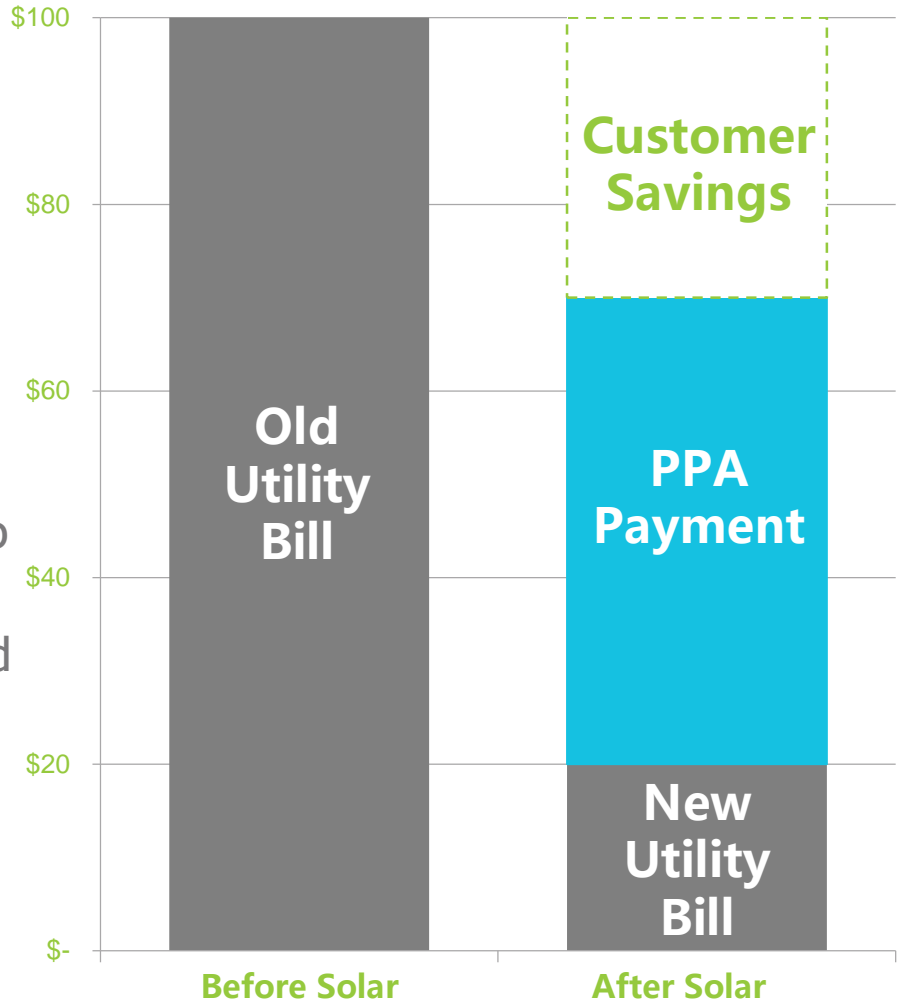
- SPURR = Experience & Success
  - Buying Consortium and Power of +250 Public Agencies
  - JPA Governed by Board of public agency administrators
  - Satisfies Fresno City's Piggyback Ordinance: Charter 1208
  - +40 Cities, Counties, Universities, College & School Districts
  - Projects completed within Fresno Area averaged **40-50% Local Hire** including apprentices & journeyman





# Power Purchase Agreement

- No Out-of-Pocket Cost to the City
- 0% Rate Escalator for 20 Years
- Utility Rate Stability & Protection
- Federal Tax Credit
- United JPA & Corporate Partnership
- Operations & Maintenance Included
- Guaranteed Performance
- PPA Buy-Out Options





## Next Steps

- Council consideration of staff recommendation
- Public announcement of City's sustainable energy milestone and local solar construction projects
- Finalize agreements to begin construction and hiring
- Schedule project groundbreaking event