



DRAFT

# ***EXECUTIVE SOLAR ADVISORY COMMITTEE WORKSHOP***

*PRESENTED BY:*

**Technology & Product Innovation Team**

April 14, 2020

# AGENDA



- ***FLEXSTEP* UPDATE**
- **FOCUSED DISCUSSION ON SOLAR**

# ***FLEXSTEP* UPDATE**

# THE 1<sup>ST</sup> VISION OF STEP



## Energy Efficiency & Conservation was launched as the “Fifth Fuel” in our generation portfolio

- Added diversity to our generation mix
- Helped us avoid additional capital cost from the building of a power plant
- Reduced our dependence on fossil fuels

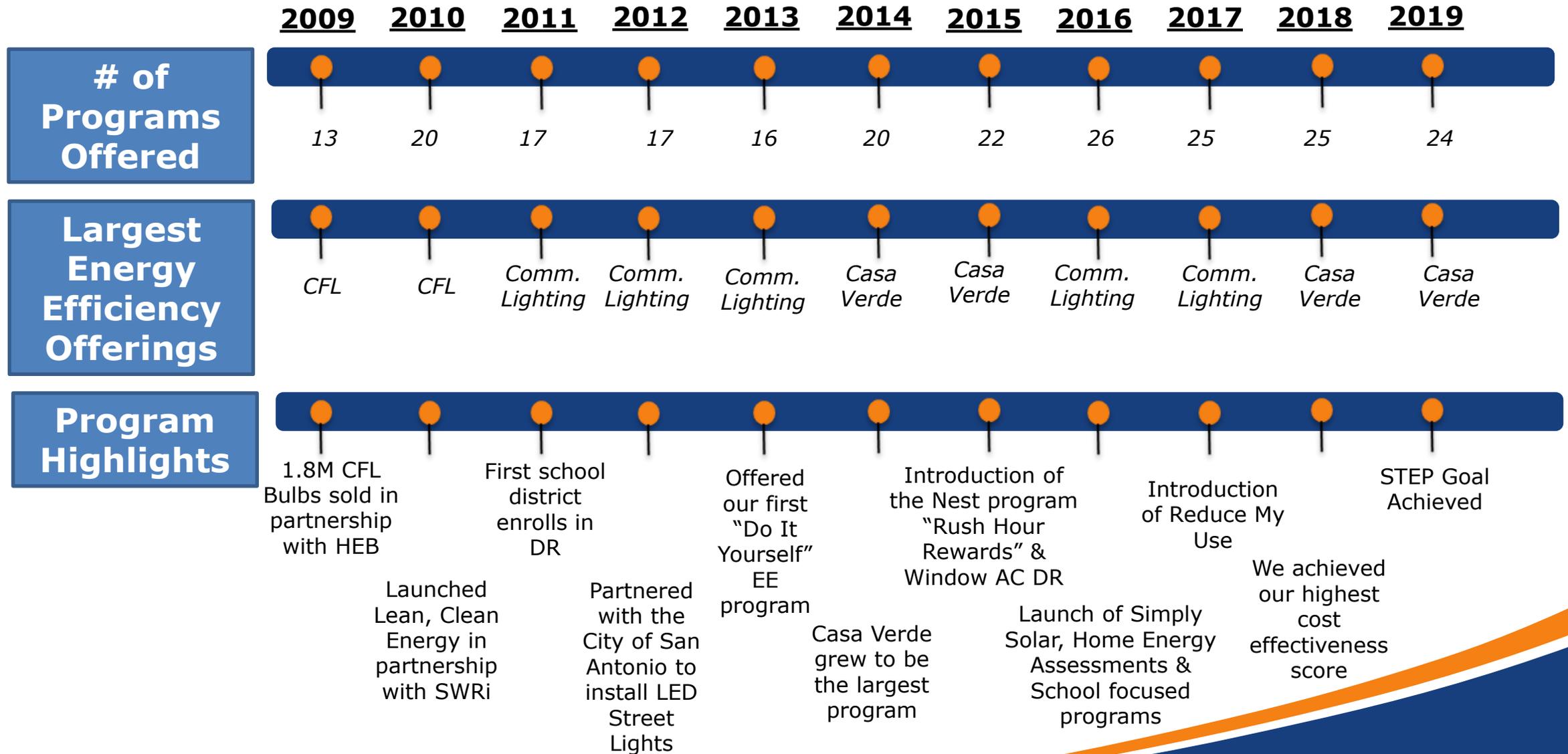
### STEP Goals:

- ✓ MW Goal: 771 → 833 Achieved
- ✓ Budget: \$849M → \$130M Under
- ✓ Completion: → One Year Early

### Energy Efficiency & Conservation are:

- Part of our past, present & future
- Part of the *Flexible Path*

# PROGRAM EVOLUTION



# CURRENT STEP PROGRAMS



## Energy Efficiency - Residential

- Casa Verde (Weatherization)
- Home Efficiency
- New Home Construction
- Home Energy Assessments
- Schools 2 Home
- Cool Roof

## Demand Response

- Commercial & Industrial Demand Response
- Automated Demand Response
- Smart Thermostat
- My Thermostat Rewards
- Reduce My Use

## Energy Efficiency - Commercial

- Commercial & Industrial Solutions
- Schools & Institutions
- Small Business Solutions
- High Efficiency Tune-ups

## Solar

- Solar Rebates
- Roofless Solar
- Solar Host



Customers have 18+ product choices, many delivered through partnerships with leading technology providers

# COVID-19 IMPLICATIONS



Program changes to support social distancing:

- All "onsite" services are on pause
- We are taking applications & continuing to process rebate applications
- We continue to explore additional opportunities to engage customers digitally

## Impacted Programs

### Residential

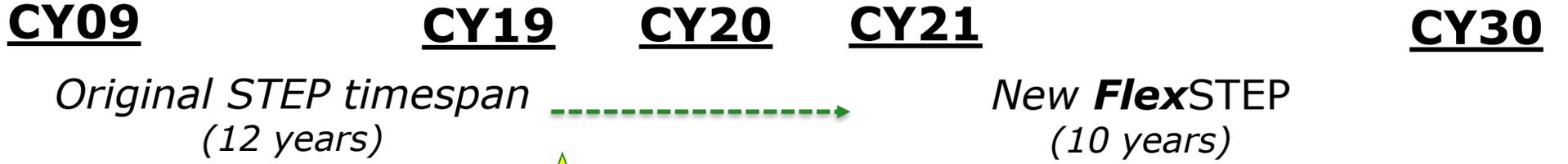
- Weatherization
- Home Energy Assessments
- Thermostats Installs

### Commercial

- Onsite Assessments
- Demand Response Audits
- Inspections

**We are closely watching to see if customers keep energy efficiency a priority & the impacts on our STEP Bridge goal**

# OUR PATH FORWARD



Achieved Early

STEP Bridge

	<b>11 Yrs.</b>	+	<b>1 Yr.</b>	+	<b>10 Yrs.</b>	=	<b>22 Yrs.</b>
MW	825MW <sup>(1)</sup>	+	75MW	+	~600MW	=	~1500MW
\$Ms	\$719M <sup>(1)</sup>	+	\$70M	+	~\$700M	=	\$1.5B

**The STEP Bridge provides for continuity of customer programs as we transition into FlexSTEP**

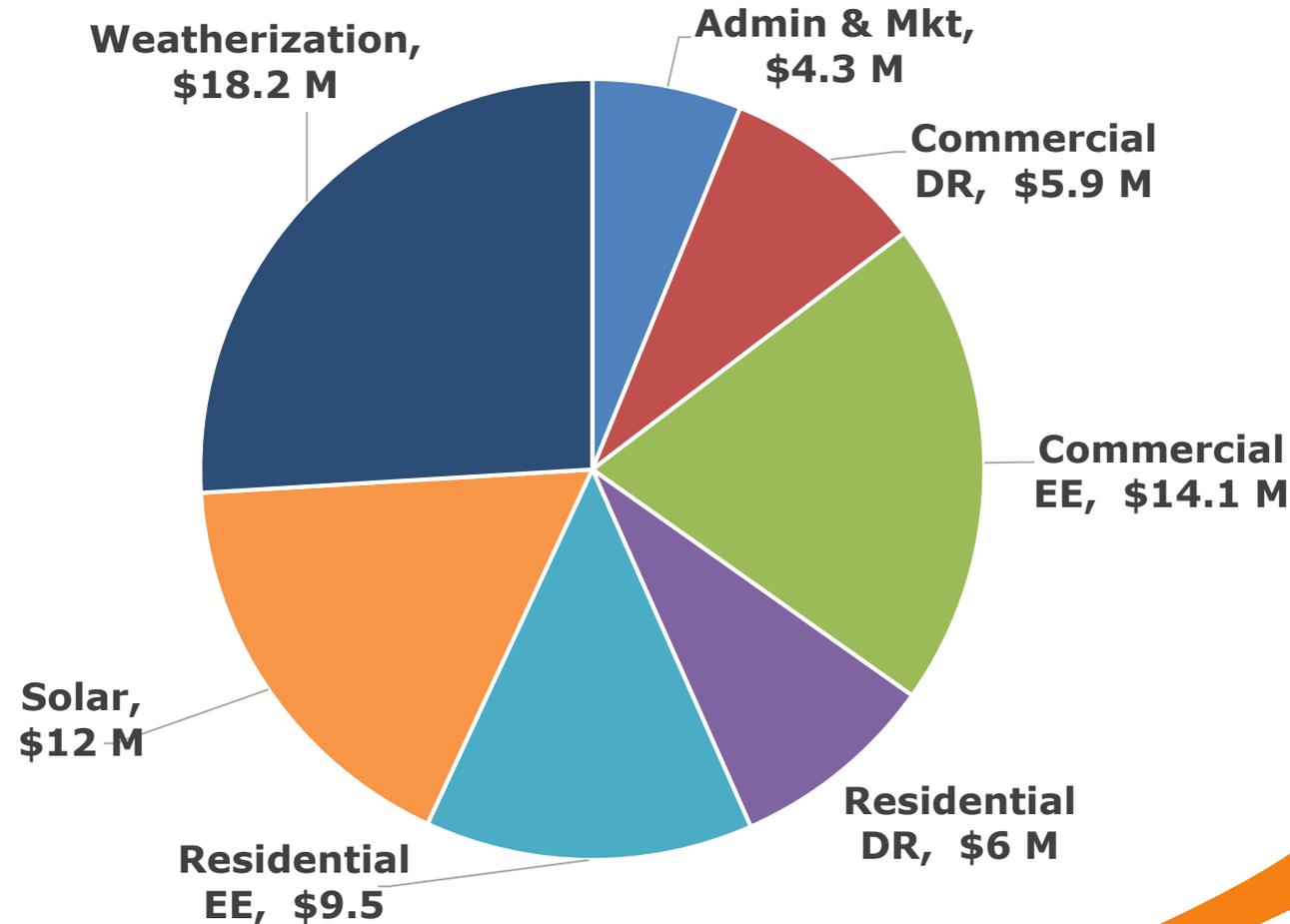
(1) Estimated through completion of program in January 2020.

# STEP BRIDGE PROGRAM



The STEP Bridge program goal is to reduce an additional 75MW with a budget of \$70M.

The program allows us to continue to serve customers with programs through the original STEP end date.



**The STEP Bridge provides for continuity of customer programs as we transition into *FlexSTEP***

# A NEW VISION



**STEP**



*Flexible  
Path*



*FlexSTEP*

*Proven model for  
delivering energy savings  
& empowering customer  
choice*

*Future-focused  
transition to low  
carbon & distributed  
generation*

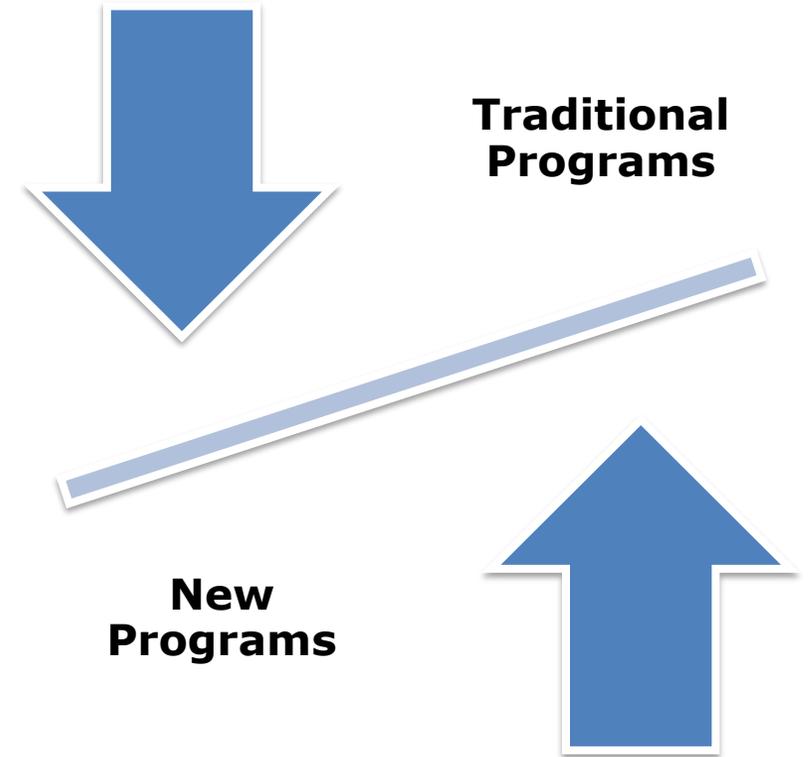
*Dynamic, flexible  
program for promoting  
efficiency & new  
technology*

**FlexSTEP balances the tried & true with new clean & innovative product offerings**

# BALANCING OLD & NEW



- **Focused** on attaining long-term goal
- **Nimble** in adding new programs as technologies emerge, & removing programs as markets change
- **Flexible** in leveraging marketplace trends to grow uptake
- **Balanced** in managing a mix of cost effective programs to focus on all customers



**We'll continue to watch market trends, benchmark & evaluate programs to ensure we're staying at the forefront of the energy industry**

# SIZABLE COMMITMENT



*FlexSTEP* is projected as a 10-year program with:

- \$700 million total program budget
- Significant commitments to diverse programs, at all income levels
- Results in estimated 600MW of demand savings

## New *FlexSTEP* program opportunities



***FlexSTEP* represents a significant commitment to clean energy & reduced emissions**

# HIGH LEVEL TIMELINE



Apr.      May      Jun.      Jul.      Aug.      Sep.      Oct.

**Public  
Engagement**



**Approval  
Path**



Board of  
Trustees

City  
Council

**We will continue to engage with key stakeholders before taking *FlexSTEP* to the City Council in the fall**

# **FOCUSED DISCUSSION ON SOLAR**

# AREAS FOR DISCUSSION



- Solar Rebate Program
- Energy Storage Opportunities
- Community Solar



# CHALLENGES / BARRIERS



- Low to Moderate Income Participation
- Schools/Non-profit participation
- Sales/marketing tactics
- Cost Recovery

# FEEDBACK & DISCUSSION



***Thank You***