



# Community Choice Aggregation Overview for El Dorado County

September 22, 2020



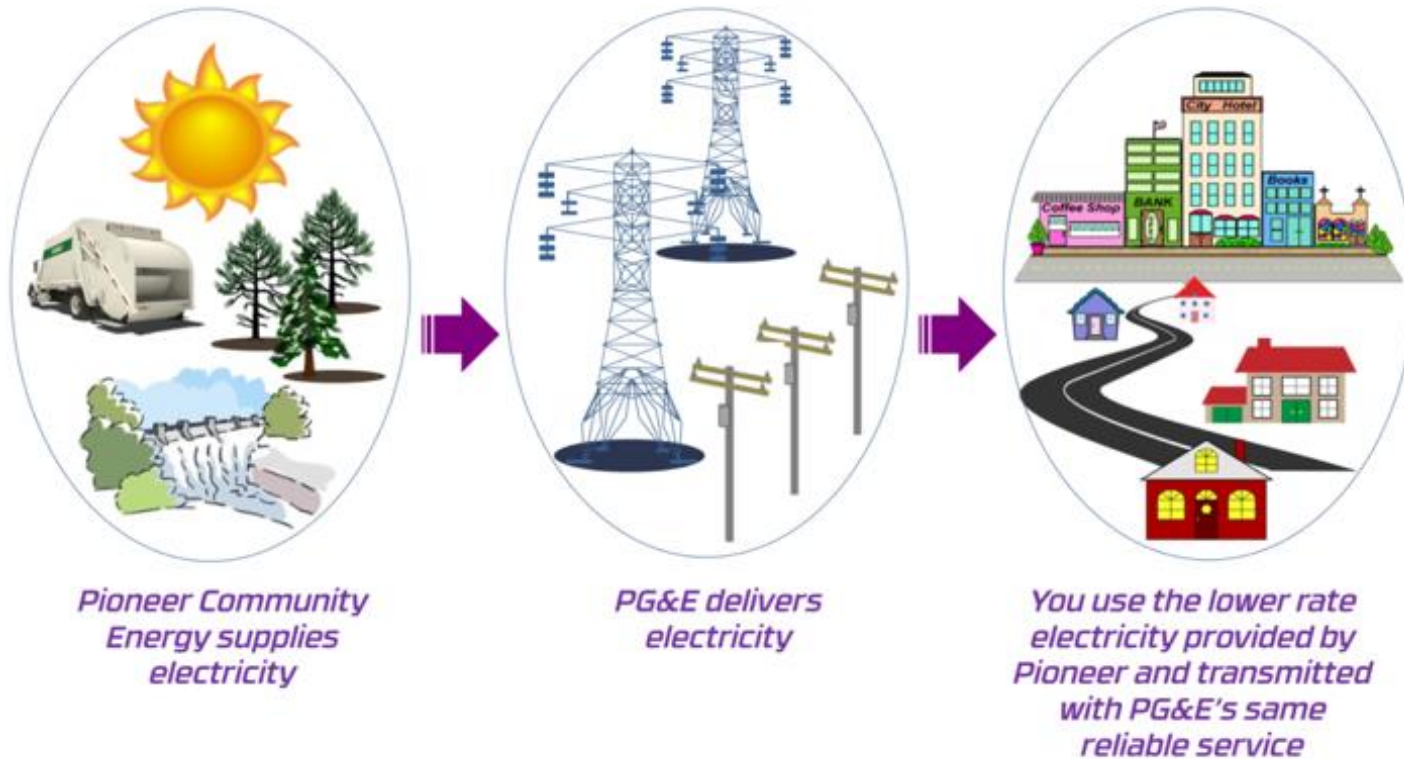
# Agenda

- Community Choice Aggregation (CCA) Defined, Development and Updates
- Pioneer Overview and Goals
- Pioneer's Key Highlights
- Benefits of Joining Pioneer
- Timetable for Next Steps

# Development of Community Choice

- Authorized in California by Assembly Bill 117 (Migden, 2002)
- Participating communities join by ordinance
- Interested Parties Register with the California Public Utilities Commission, and then file an Implementation Plan
- *CCAs are formed to provide local control over energy resources, costs, and jobs*

# Role of a CCA



# CCA Service Launch Dates

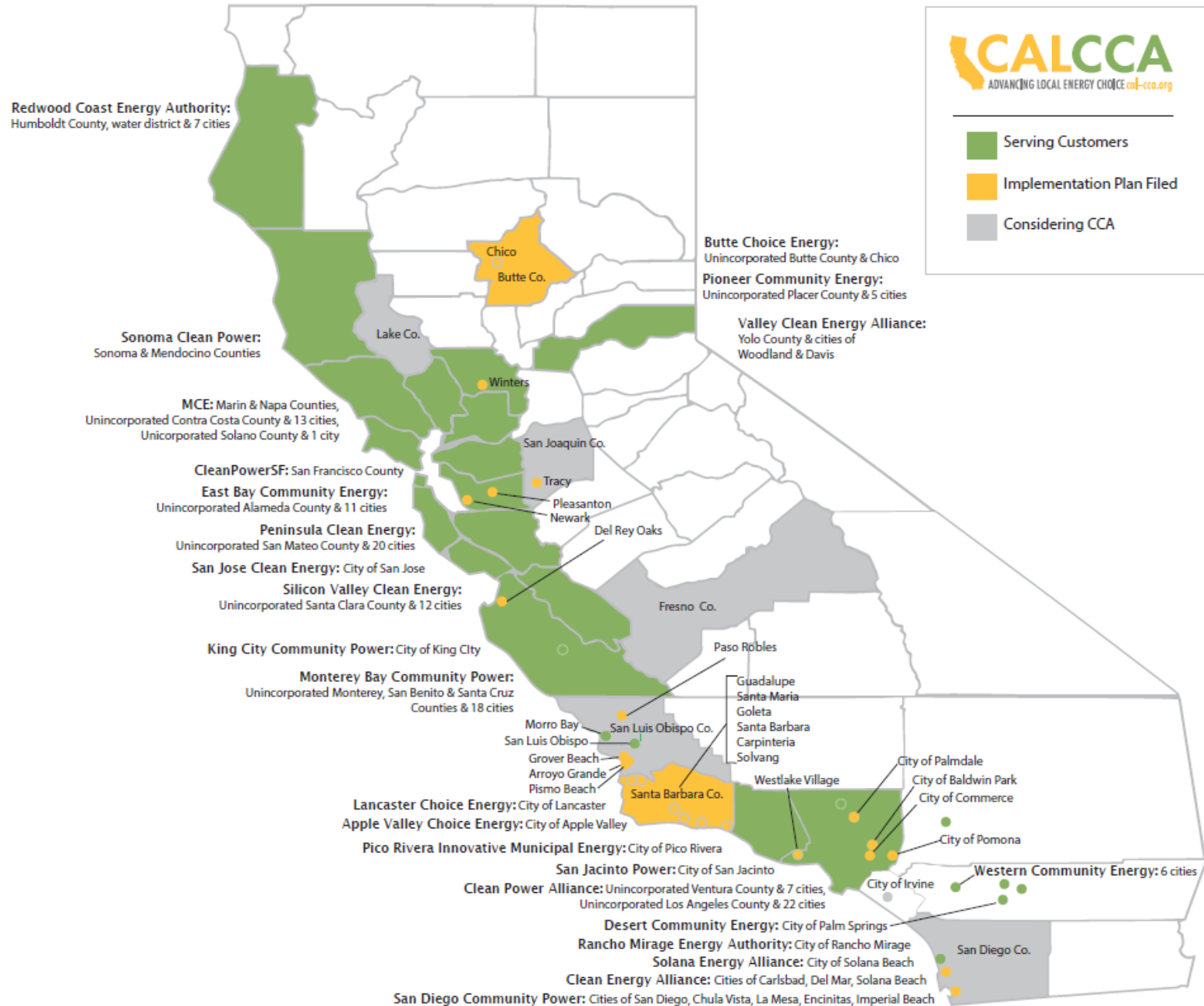
## New CCAs

- Desert Community Energy 2020 (launched!)
- Western Community Energy 2020 (launched!)
- Cities of Baldwin Park, Pomona 2020 (October)
- San Diego Regional CCAs, City of Santa Barbara, City of Commerce 2021
- Butte Choice Energy (delayed to 2023)

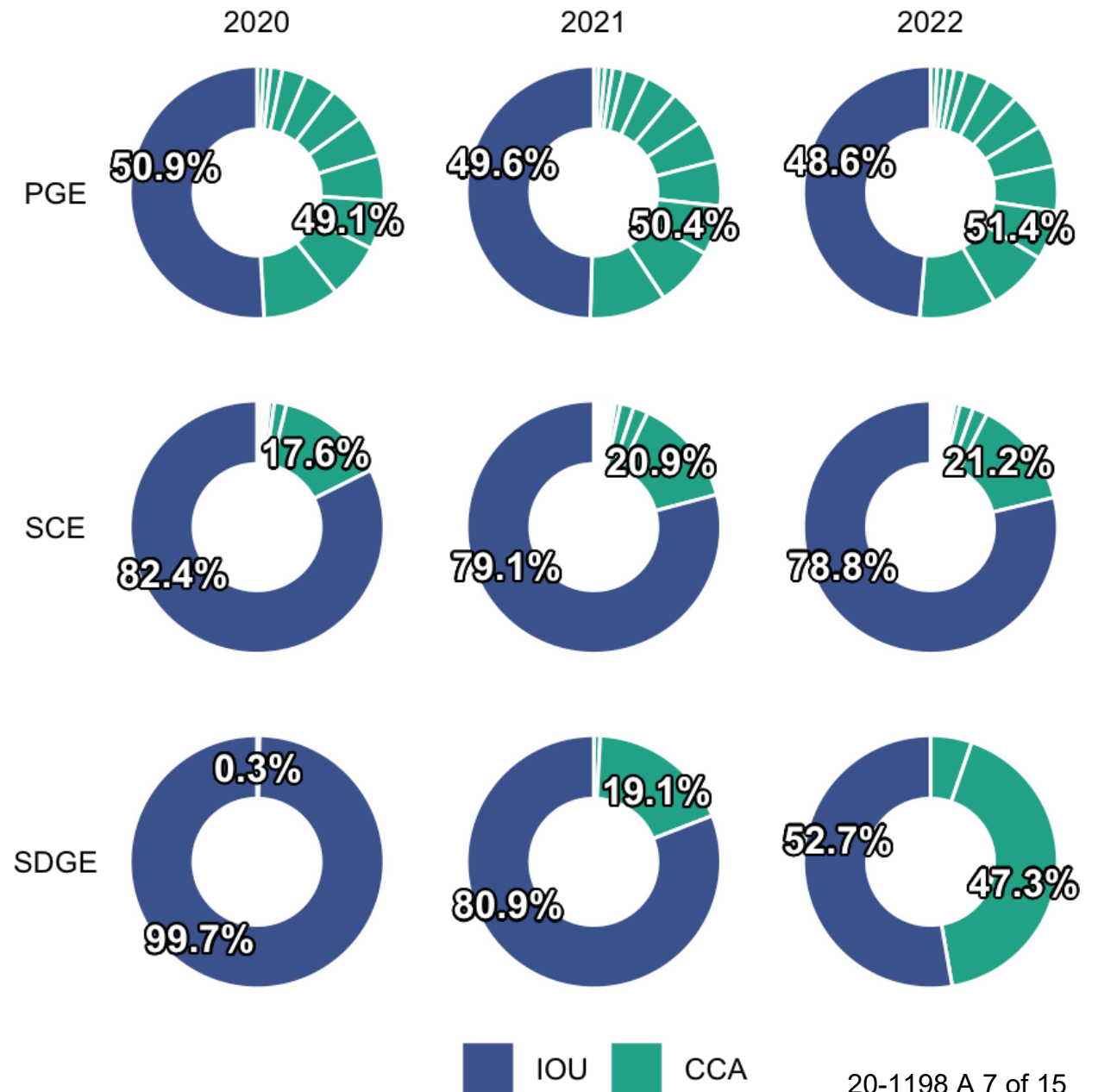
## Expansions

- CPA (Westlake Village) 2020 (launched!)
- Monterey Bay (Morro Bay, SLO) 2020 (launched!)
- MCE (Solano County) 2020 (launched!)
- EBCE (Newark, Pleasanton, Tracy) 2021
- MBCP (10+ Cities, Santa Barbara County) 2021
- MCE (Vallejo, Pleasant Hill) 2021





# Projected Load Shift from Investor Owned Utilities to CCAs (2020-2022)









Worker at MCE Solar One in Richmond

# Jobs Created by CCAs

CCAs are driving the construction of new energy projects throughout California. Unions/Trades that are building CCA-contracted projects include:

Carpenters (Local 152)  
IBEW (Local 11)  
IBEW (Local 47)  
IBEW (Local 100)  
IBEW (Local 125)  
IBEW (Local 184)  
IBEW (Local 302)  
IBEW (Local 551)  
IBEW (Local 595)  
IBEW (Local 684)  
IBEW (Local 1245)  
Ironworkers (Local 155)  
Ironworkers (Local 416)  
Ironworkers (Local 433)

Iron Workers (Local 378)  
Laborers (Local 294)  
Laborers (Local 300)  
Laborers (Local 324)  
Laborers (Local 1130)  
Millwrights (Local 102)  
Operating Engineers (Local 3)  
Operating Engineers (Local 12)  
Plumbers and Pipefitters  
(Local 228)  
Richmond Build  
Teamsters

# Pioneer Overview

- Pioneer is a Joint Powers Authority formed in September 2015
  - Local government, not-for-profit partnership between the cities of Auburn, Colfax, Lincoln, Rocklin, the Town of Loomis and Placer County
  - Serving more than 93,000 residential and commercial accounts throughout the county
- Launched in February 2018
- Electricity rates as of October 2019 averaged **11% below PG&E's rates** (currently averaging 6.2% due to change in power charge indifference adjustment)
- mPOWER program finances clean energy projects for customers

# Pioneer's Goals



- Providing electric power and other forms of energy to customers at a competitive cost;
- Promoting long-term electric rate stability and energy security and reliability for residents through local control of electric generation resources and the overall power supply portfolio;
- Carrying out programs to reduce energy consumption;
- Stimulating and sustaining the local economy by developing local jobs in renewable energy; and
- Reducing greenhouse gas emissions related to the use of electric power and other forms of energy in Placer County and neighboring regions.

# Pioneer's Goals in Action Since Launching

- Provided customers with an estimated **\$27.6 million in savings** in discounts to PG&E's rates
  - Residential customers saved an average of approximately **\$9/month; annual savings equals approximately two months of free electricity!**
- **Issued checks totaling over \$174,000 and issued utility bill credits\* totaling over \$15,000 in 2020** to net-energy metering solar customers who generated more energy than they used
- **Purchased renewable energy from local resources stimulating local jobs** - recently signed a long-term power purchase agreement with Sierra Pacific Resources that includes energy sourced from a biomass project in Lincoln
- **Financed \$101,809,424** in Property Assessed Clean Energy projects through the mPower program

\*Utility bill credits are issued where over-generation amounts are under \$25

# Benefits of Joining Pioneer

- Infrastructure for operations already in place
  - Procurement, settlements, regulatory compliance, customer data management and billing, etc.
- No need for millions of dollars in startup capital
- Ability for scale and influence by joining like-minded members
- Pioneer will pay for consultancy fees related to Impact Assessment and preparation of Implementation Plan

# Timetable for Next Steps for El Dorado Expansion

<b>Pioneer Timeline</b>	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21
Memorandum of Understanding with Applicants executed							
Board adopts Resolution authorizing preparation of Amended Implementation Plan (IPlan)							
Consultant engaged for Impact Assessment and Amended IPlan preparation							
Pioneer Staff presents at City Council/BOS meetings							
Impact Assessment results expected							
Amended JPA completed and agreed upon by All							
Applicants complete ordinances and Resolution to join Pioneer based on Amended JPA (by Nov 10)							
Pioneer members adopt JPA amendment by Resolution							
Pioneer distributes 30 day notice of intent to amend JPA to add new members							
Pioneer Board adopts Resolution approving amendment to JPA and to file Amended IPlan							
Pioneer Files Amended IPlan							
CPUC certifies Amended IPlan*							

# Key Next Steps After CPUC Certification

- Meet and confer process to discuss load forecast with PG&E inclusive of new member's load
- Begin procurement of resource adequacy (RA), renewable energy, and system power products inclusive of new member's load
- Perform all relevant compliance requirement filings (e.g., RA, Renewables Portfolio Standard) inclusive of new member's load