



CleanPowerSF Update

Local Agency Formation Commission

February 18, 2022



Agenda

1. Enrollment and Service Statistics
2. Legislative Update
3. Long-duration Energy Storage Procurement
4. Customer Programs Update
5. Integrated Resource Plan Implementation

ENROLLMENT AND SERVICE STATISTICS

Enrollment and Service Statistics

- Enrolled >409,000 customer accounts
- 4.2% opt-out rate (96% retention) since launch
- 2.1% SuperGreen 100% renewable upgrade rate
- SuperGreen accounts for >6% of retail sales



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LEGISLATIVE UPDATE

AB 1814 (Grayson) – Transportation Electrification

- California Public Utilities Commission (CPUC) has authorized investor-owned utilities to collect >\$1 billion from ratepayers for transportation electrification.
- This bill would authorize CCAs to apply to the CPUC for funding to administer transportation electrification programs in their service areas.
- Customers of CCAs already pay into transportation electrification program funds.
- This bill would enable CCAs to play a more active role in helping California meet its EV goals.

LONG-DURATION ENERGY STORAGE



Long-duration Energy Storage (LDS) Procurement Summary

- In June 2021, the California Public Utilities Commission mandated that CleanPowerSF and other power providers procure Long-duration Energy Storage (LDS) resources.
- CleanPowerSF participated in a Request for Offers (RFO) for LDS resources as a member of California Community Power (CC Power).
- On Jan. 19th CC Power approved its first LDS project from a competitive solicitation, the Tumbleweed LDS project.
- CC Power member agencies, including CleanPowerSF, are now seeking approval from their governing bodies to participate in the Tumbleweed LDS project.

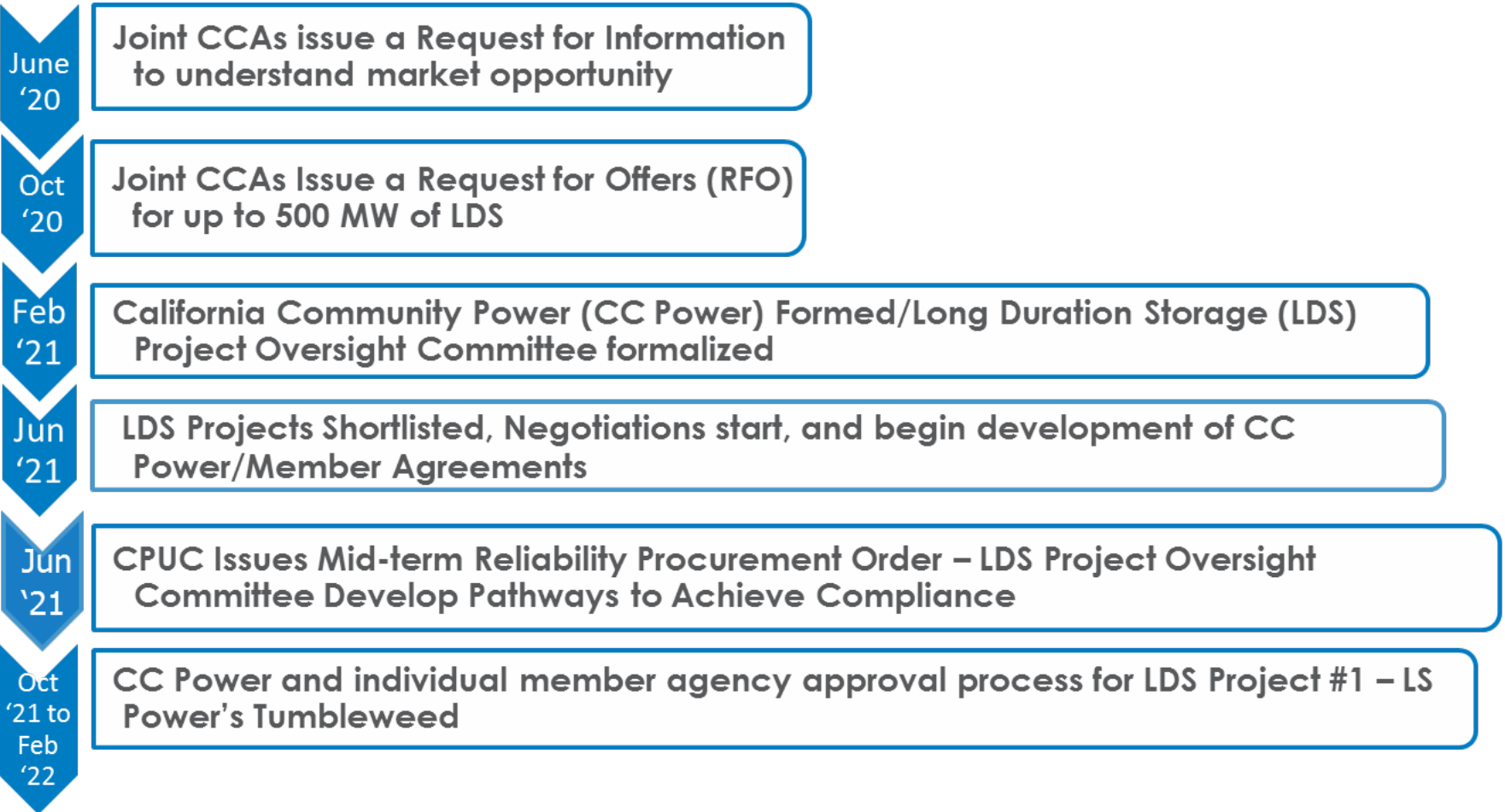


Background: California Community Power or “CC Power”

- Established in February 2021 to leverage the combined buying power of Community Choice Aggregators (CCAs) for energy supply, programs and services.
- CleanPowerSF became a member in April 2021.
 - Commission approved in Resolution No. 21-0023
 - Board approved in Ordinance No. 25-21
- CC Power conducts its business in open meetings – for more info visit: <https://cacommunitypower.org/meetings/>



LDS Request for Offers Timeline



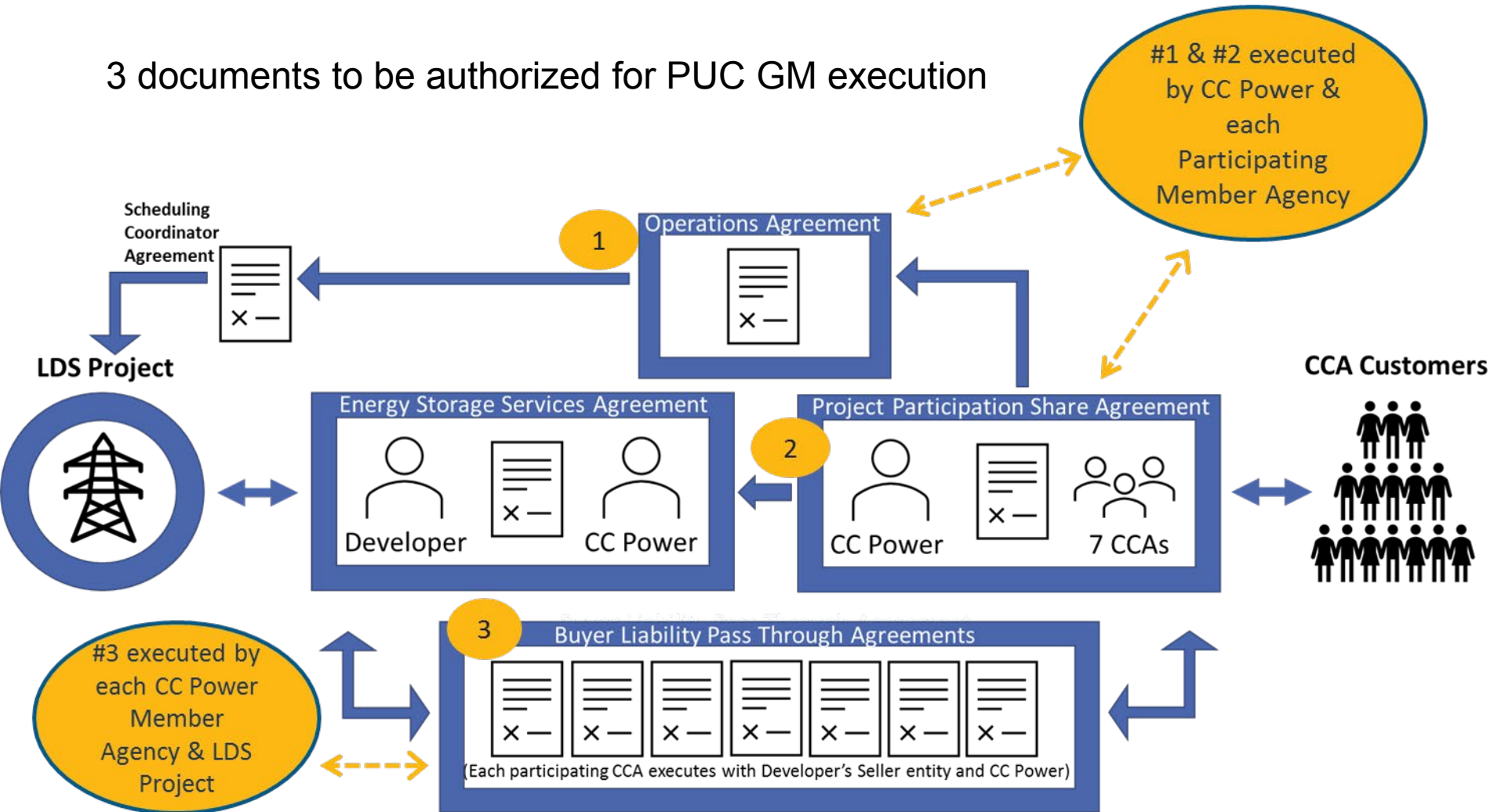
Tumbleweed LDS Project

- Developer: LS Power/REV Renewables
- Product: 69 MW/552 MWh 8-hour discharge battery
- Location: Rosamond, Kern County, California
- Technology: Lithium-ion
- Labor: Project Labor Agreement or similar agreement required
- Wages: Prevailing wages required
- Commercial Operation Date: 6/1/26
- Proposed contract term: 15 years



Project Agreement Structure

3 documents to be authorized for PUC GM execution



Next Steps

- Participating CC Power members have 90 days from Jan. 24th (April 25th) to execute their required agreements.
- Staff recommending the Tumbleweed LDS Project to the Commission for approval on 2/22.
- If approved by Commission, staff will seek Board of Supervisors and Mayoral approval in March.
- Staff is working with CC Power to bring additional LDS Projects for approval.



CUSTOMER PROGRAMS UPDATE



Customer Program Offerings

Program	Status
Net Energy Metering	Operating
Budget Billing	Operating
GoSolarSF Incentives	Operating
Peak Day Pricing (PDP)	Operating
Low-income Solar Inverter Program	Operating
Electric Heat Pump Water Heater Incentives	Operating target = Spring 2022
Disadvantaged Communities (DAC) Green Tariff	Operating target = Spring 2022
Energy Efficiency for Food Services	Operating target = 2023
DAC Community Solar	Operating target = 2024/25

INTEGRATED RESOURCE PLAN IMPLEMENTATION



Active and Upcoming Renewable Energy & Energy Storage Procurement

Solicitation Name	Key Dates	Target Resource Additions
Long-duration Energy Storage (with California Community Power JPA)	<ul style="list-style-type: none"> - Solicitation issued in Oct. 2020 - Targeting contract approvals in early 2022 	<ul style="list-style-type: none"> - 15-25 MW of new long-duration energy storage
Firm Clean Resources (FCR) (with California Community Power JPA)	<ul style="list-style-type: none"> - Solicitation issued in Oct. 2021 - Targeting contract approval(s) in early-to-mid 2022 	<ul style="list-style-type: none"> - 15-20 MW of new qualifying FCR (e.g., geothermal)
Utility-scale renewable energy and energy storage	<ul style="list-style-type: none"> - Solicitation issued in July 2021 - Targeting contract approval in early-to-mid 2022 	Targeting at least: <ul style="list-style-type: none"> - 105 MW of new solar - 5 MW of new wind - 175 MW of new 4-hour energy storage
Disadvantaged Communities Green Tariff and Community Solar	<ul style="list-style-type: none"> - Solicitation issued in Sept. 2021 - Targeting contract approvals in early 2022 	<ul style="list-style-type: none"> - 1.8 MW of new solar in DACs - 0.6 MW of local rooftop solar in DACs
Local renewable energy (Phase 1)	<ul style="list-style-type: none"> - Solicitation to be issued in mid-2022 - Targeting contract approvals in 2022 	<ul style="list-style-type: none"> - 9 MW of new solar

Questions?

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