



Approval of Goal Line Long Duration Energy Storage Project

Monica V. Padilla, Silicon Valley Clean Energy
CC Power Board Meeting - February 25, 2022

Approval of Goal Line Long Duration Storage Agreements

Approve Resolution No. 22-02-03 approving the Goal Line LDS Project and delegating authority to the General Manager to execute the Goal Line ESSA, Buyer Liability Pass Through Agreement (BLPTA) and the Project Participation Share Agreement (PPSA) with Participating Members

Goal Line Project

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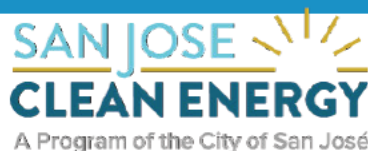
Goal Line is the second LDS project out of the Joint RFO issued in October 2020

- **Seller** – Goal Line Battery Energy Storage System 1, LLC
- **Developer** – Onward
- **Technology** –Lithium-ion, 8 hours discharge duration
- **Project size** - 50 MW/400 MWh
- **Product** – Tolling Agreement w/full capacity rights
- **Location** – Escondido, CA
- **Expected COD** – June 1, 2025
- **Price** - fixed \$/kw-mo, with volumetric adder
- **Term** – 15 years



Goal Line Participating Members

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Each Participating Member will seek authority to cover

- 1) contingency should not all CCA's gain board authority*; and 2) 25% step-up

CCA	% Share in ESSA/PPSA	Initial Entitlement Share MW	Recommended Authority to Seek MW
CPSF	21.50%	10.75	17.25
RCEA	4.00%	2	3.21
SJCE	24.22%	12.11	19.43
SVCE	28.42%	14.21	22.81
SCPA	17.36%	8.68	13.93
VCE	4.50%	2.25	3.61
Total	100%	50	

*SJCE capped at its Entitlement Share plus 25% step-up contingency

Mid-term Reliability Procurement Order

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- [D.21-06-035](#) adopted by CPUC on June 24, 2021 to address mid-term reliability needs
- 1,000 MW of LDS by June 2026
- 8-hour minimum discharge
- Resource Adequacy
- Minimum 10-year term
- Adjusted for Effective Load Carrying Capacity (ELCC)

Goal Line will allow the Participating CCAs to meet their LDS MTR Obligation

CCA	MTR Requirement MW	MTR Adjusted for ELCC MW	Tumbleweed Entitlement MW	Remaining Need MW	Goal Line Entitlement MW
CPSF	15.5	19.8	11.08	8.72	10.75
PCE	19	24.3	13.59	10.71	N/A
RCEA	3.5	4.5	2.5	2	2.00
SJCE	21.5	27.48	15.37	12.11	12.11
SVCE	20.5	26.2	14.66	11.54	14.21
SCPA	12.5	16	8.94	7.06	8.68
VCE	4	5.11	2.86	2.25	2.25
Total	96.5	123.39	69	54.39	50.00

Tumbleweed ESSA executed on 1/24/22 and in process of gaining approvals from individual CCAs for full execution

Energy Storage Service Agreement & Project Participation Share Agreement

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Contracting structure is the same as used for Tumbleweed with minimal changes

- ESSA - Goal Line and CC Power
- 15 year-term at COD
- Development and Performance Deposits
- Buyer's Liability Pass Through Agreement (BLPTA) – guaranty performance by each Participating Member to CC Power & Goal Line (Exhibit L)
- Step-up provision – capped at 125% of Entitlement Share per Participating Member
- Meets Board specified labor environmental, and environmental justice preferences
- Provided in substantively final form
- Approved by Onward
- 90 days from execution for Participating Members to approve agreements

Approval Process

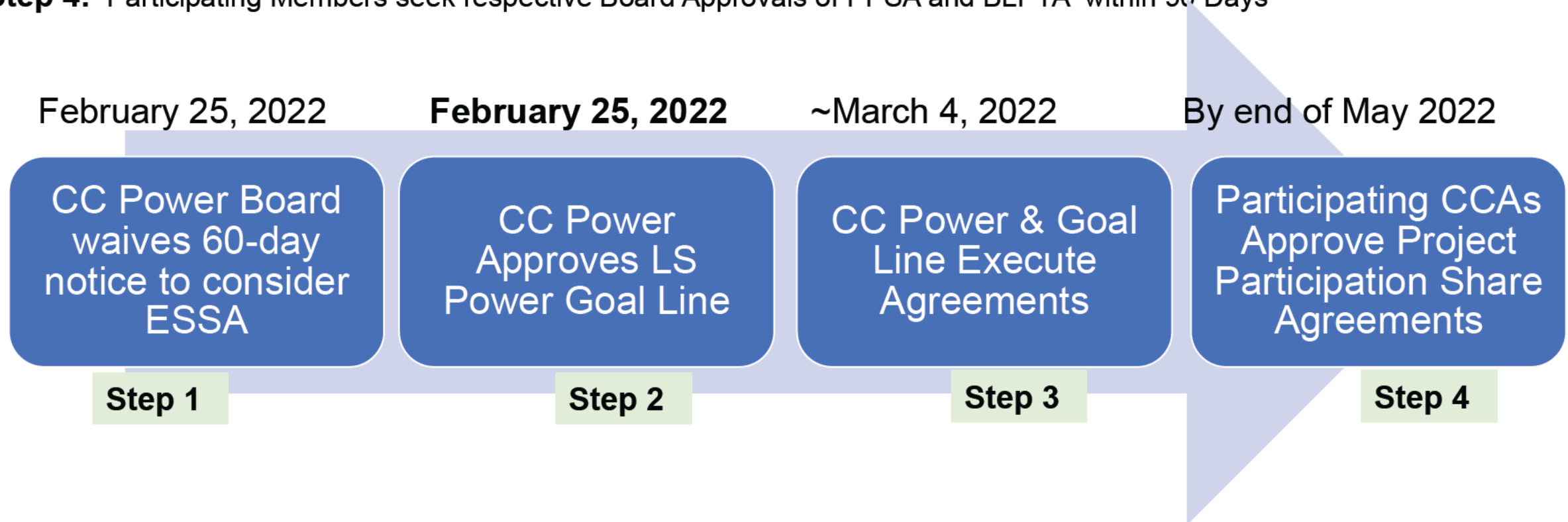
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Step 1: CC Power Board waives 60-day notice to consider ESSA for approval – February 25, 2022

Step 2: CC Power Board approves Goal Line agreements

Step 3: General Manager & Goal Line execute agreements – “effective date”

Step 4: Participating Members seek respective Board Approvals of PPSA and BLPTA within 90 Days



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Project Oversight Committee

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Role: solicit, evaluate, direct negotiations and recommend projects

CCA	POC Member	Other Staff
CleanPowerSF	Michael Hyams	Erin Mulberg
Redwood Coast Energy	Richard Engel	Jocelyn Gwynn
San Jose Clean Energy	Jeanne Sole	Phil Cornish
Silicon Valley Clean Energy	Monica Padilla	Oren Weiner and Maren Wenzel
Sonoma Clean Power	Deb Emerson	Ryan Tracey and Hannah Rennie
Valley Clean Energy	Gordon Samuel	

ESSA Negotiation Team:

Carrie Bentley, Gridwell Consulting
Kevin Fox, Keyes & Fox

PPSA & Other Legal Support:

BBSW – Justin Wynne, Brittany Iles,
Kris Kirkegaard

CleanPowerSF



REDWOOD COAST
EnergyAuthority

Sonoma
Clean Power

SAN JOSE
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SILICON VALLEY
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