

Peninsula Clean Energy Board of Directors Meeting

October 28, 2021

Agenda

- Call to Order / Roll Call
- Public Comment (for items not on the Agenda)
- Action to set the Agenda and Approve Consent Items 1-5

 Consent Public Comment



6. Chair Report (Discussion)

Regular Agenda



7. CEO Report (Discussion)

Regular Agenda

Staffing Updates

- Sandra Benetti starting November 1 as Associate Manager, Community Relations
- Blake Herrschaft starting November 29th as Building Electrification Programs Manager
- Account Services Analyst in the process of finalizing our hire



Other Open Positions

• Starting recruitment for Chief Operating Officer



CC Power Update

- RFO issued for 200 MW of Firm Clean Resources
- <u>https://cacommunitypower.org/</u> solicitations
- Offers due December 13, 2021



Upcoming Meetings

- Citizens Advisory Committee:

 November 4 at 6:30 p.m. (Zoom)
- Audit & Finance Committee:

 November 8 at 8:30 a.m. (Zoom)
- Executive Committee:

 November 8 at 10:00 a.m. (Zoom)
- Board of Directors:

 November 18 at 6:30 p.m. (Zoom)





8. Citizens Advisory Committee Report (Discussion)

Regular Agenda



9. Audited Financial Statements Board Meeting (Action)

Regular Agenda October 28, 2021

Income Statement vs. Budget – Final

×	Quart	er ending June	2021			
	Current Quarter			Year-to-date		
	Actual	Budget	Var Fav/(Unf)	Actual	Budget	Var Fav/(Unf)
OPERATING REVENUES						
Electricity Sales, net	43,259,158	55,032,741	(11,773,583)	225,451,520	213,552,721	11,898,799
Green electricity premium	642,855	520,033	122,821	2,649,804	2,150,775	499,029
Total Operating Revenues	43,902,013	55,552,775	(11,650,762)	228,101,323	215,703,496	12,397,827
OPERATING EXPENSES						
Cost of energy	46,452,608	44,402,767	(2,049,841)	213,833,820	197,445,054	(16,388,766)
Staff compensation	1,501,229	1,617,628	116,399	5,637,451	6,236,981	599,530
Data Manager	849,155	855,000	5,846	3,384,564	3,420,000	35,436
Service Fees - PG&E	314,867	315,000	133	1,254,565	1,260,000	5,435
Consultants & Professional Services	484,486	719,310	234,824	1,995,013	3,068,340	1,073,327
Legal	309,294	420,390	111,096	1,371,676	1,708,230	336,554
Marketing and Noticing	317,282	297,045	(20,237)	1,416,816	2,873,350	1,456,534
General and Administrative	384,795	515,619	130,824	1,654,264	1,947,282	293,018
Community Energy Programs	4,537,758	2,852,253	(1,685,505)	5,722,363	7,550,000	1,827,637
Depreciation	21,618	36,679	15,061	90,940	133,216	42,276
Total Operating Expenses	55,173,093	52,031,691	(3,141,402)	236,361,472	225,642,453	(10,719,019)
Operating Income (Loss)	(11,271,081)	3,521,084	(14,792,164)	(8,260,148)	(9,938,957)	1,678,809
NON-OPERATING REVENUES (EXP.)						
Total Nonoperating Income/(Expense)	355,789	352,000	3,788	(13,047)	1,408,000	(1,421,047)
CHANGE IN NET POSITION	(10,915,292)	3,873,084	(14,788,376)	(8,273,195)	(8,530,957)	257,762
CHANGE IN NET POSITION						
Net Position at the beginning of period	191,713,828	183,054,208	8,659,620	189,071,732	195,458,248	(6,386,517)
Change in Net Position	(10,915,292)	3,873,084	(14,788,376)	(8,273,195)	(8,530,957)	257,762
Net Position at the end of period	180,798,536	186,927,291	(6,128,755)	180,798,536	186,927,291	(6,128,755)

<u>Changes and Notes since</u> <u>Preliminary</u>:

- Revenues
 - Slightly higher (\$228K)
- **Expenses** are \$2.1 million lower
 - Cost of Energy \$2.3 million lower
 - Small changes in multiple and other accounts and categories as we refined our estimates and accruals

Change in Net Position

^{• \$2.4} million higher (i.e. less negative)

Auditor Conclusions

- Auditor Required Communications Findings/Summary
 - Unmodified opinion The financial statements are materially accurate
 - No significant deficiencies or material weakness is internal control noted
 - The significant accounting policies adopted by PCE throughout the periods audited appear appropriate and consistently applied
 - No significant or unusual transactions or applications of accounting principles where a lack of authoritative guidance exists
 - No disagreements with management concerning the scope of audits, the application of accounting principles, or the basis for management's judgments on any significant matters

Summary

- Audit & Finance Committee October 12, 2021
 - Reviewed draft financial statements
 - Met with Auditors
 - Approved resolution recommending approval by Board of Directors
- Audit complete and signed off on October 21, 2021

Recommendation

APPROVE THE AUDITED FINANCIAL STATEMENTS FOR FISCAL YEAR 2020-2021



10. Authorize Agreement for Arica Solar (Action)

Regular Meeting Siobhan Doherty, Director of Power Resources October 28, 2021

Recommendation

Approve Resolution Delegating Authority to Chief Executive Officer to Execute Power Purchase and Sale Agreement for Renewable Supply with Arica Solar, LLC, and any necessary ancillary documents with a Power Delivery Term of 15 years starting at the Commercial Operation Date on or about April 1, 2024, in an amount not to exceed \$215 million.

Long-term RE + Storage RFP

- Peninsula Clean Energy published an RFP soliciting contract proposals of ≥10 years in term length
- Staff received offers for solar + storage, wind, and offers for geothermal from three counterparties
- Procuring solar + Storage out of this RFP was a high priority to staff, provides flexibility to the portfolio, allowing us to move electricity to higher demand hours in the evening
- This will help to meet Peninsula Clean Energy's goal to provide renewable energy on a 24/7 basis

Red Bluff Solar

Developer / Owner	Clearway Energy Group
Location	Riverside County
Solar Capacity	PCE Portion: 100 MWac Total: 263 Mwac
Capacity Factor	34%
Storage Size	50 MW / 4 hour – 200 MWh
COD	April 2024
Key Milestones	Executed LGIA: Completed Permitting Complete:Q4 2021 Construction Start: Q2 2023
Labor	Intend to execute PLA
Environmental	Located in area designated as a preferred renewable energy zone
DACs	Not located in DAC



Contract Structure

- Pay for the output of the solar generating portion of the project at a fixed-price rate per MWh
- Pay for the use of the storage portion of the project at a fixed-price rate per kW-month
- Both with no escalation
- Contract term: 15 years
- Peninsula Clean Energy is entitled to all product attributes from the facility:
 - Energy
 - Renewable energy
 - Ancillary services
 - Resource adequacy.

Labor

 Project has committed that the construction will be conducted using a project labor agreement, community workforce agreement, work site agreement, collective bargaining agreement, or other similar agreement providing for terms and conditions of employment with applicable labor organizations.

Environmental Review

- Staff worked with several environmental non-profits to develop a system for evaluating the environmental impact of projects. Staff studied the geospatial footprint of the project to evaluate whether the project is located in a restricted or high conflict area for renewable energy development:
 - Protected areas at the federal, state, regional, local level (e.g. County-designated conservation areas, BLM Areas of Critical Environmental Concern, critical habitat for listed species, national, state, county parks, etc.).
 - Identified and mapped important habitat and habitat linkages, especially for threatened and endangered species (either state or federally listed).
- For this project, the analysis showed that the project was not located in a protected area based on the USGS Protected Areas Database (PAD-US) or in an area not suitable for renewable energy development as identified by the Renewable Energy Transmission Initiative (RETI).

USGS PAD-US: https://www.usgs.gov/core-science-systems/science-analytics-and-synthesis/gap/science/protected-areas RETI: https://reti.databasin.org/

Permitting

- This project is located in an area identified as suitable for renewable energy development as part of the Desert Renewable Energy Conservation Plan (DRECP).
- The DRECP is a collaborative effort between the BLM, Fish and Wildlife Service, California Energy Commission and California Department of Fish and Wildlife.
- The DRECP is focused on 10.8 million acres of public lands in the desert regions of seven California counties and is a landscape-level plan that streamlines renewable energy development while conserving unique and valuable desert ecosystems and providing outdoor recreation opportunities.

Generation Profile

Solar generation peaks in summer months, adding storage could shift generation to evening peak hours



Month-Hour Shape - 2025



Fit with Strategic Plan

- Priority 1: Design a power portfolio that is sourced by 100% carbon free energy by 2025 that aligns supply and consumer demand on a 24x7 basis
- Power Resources Goal 1: Secure sufficient, low-cost, clean sources of electricity that achieve Peninsula Clean Energy's priorities while ensuring reliability and meeting regulatory mandates
 - Objective A Low Cost and Stable Power: Develop and implement power supply strategies to procure low-cost, reliable power.
 - Objective B Clean Power: Design a diverse power portfolio that is 100% carbon-free by 2021; and is 100% carbon-free by 2025 that aligns supply and consumer demand on a 24 x 7 basis.

Recommendation

Approve Resolution Delegating Authority to Chief Executive Officer to Execute Power Purchase and Sale Agreement for Renewable Supply with Arica Solar, LLC, and any necessary ancillary documents with a Power Delivery Term of 15 years starting at the Commercial Operation Date on or about April 1, 2024, in an amount not to exceed \$215 million.



10A. Authorize Agreement for Gonzaga Wind (Action)

Regular Agenda

Chelsea Keys, Senior Manager, Power Resources October 28, 2021

Recommendation

Approve Resolution Delegating Authority to Chief Executive Officer to Execute Power Purchase and Sale Agreement for Renewable Supply with Gonzaga Ridge Wind Farm, LLC, and any necessary ancillary documents with a Power Delivery Term of 15 years starting at the Delivery Commencement Date on or about October 31, 2024, in an amount not to exceed \$204 million.

Long-term RE + Storage RFP

- Peninsula Clean Energy published an RFP soliciting contract proposals of ≥10 years in term length
- Staff received offers for solar + storage, wind, and offers for geothermal from three counterparties
- Procuring wind out of this RFP was a high priority to staff, as new wind development in CA is scarce – wind regions within the state have already been developed
- This will help to meet Peninsula Clean Energy's goal to provide renewable energy on a 24/7 basis

Gonzaga Ridge – Project Overview



Developer / Owner	Scout Clean Energy
Counterparty	Gonzaga Ridge Wind Farm, LLC
Location	Pacheco State Park in Merced County, CA
Capacity	PCE share: 76.35 MW Total Planned Capacity: 197.5 MW
Term	15 years
Delivery Start	October 31, 2024
Environmental / Permitting	 CEQA Environmental Impact Report received in August 2020 Environmental Assessment – Finding of No Significant Impact
Labor	Project will use union labor under their contractor



Site Layout

- Gonzaga will be constructed on state park land
- Land has an existing 18.4 MW wind project – 162 turbines, built in 1980s
- This facility will be deconstructed prior to construction of Gonzaga, and ~ 25 turbines will take its place, constructed in two phases
- While not listed as an EPA repower site, it is on land designated for wind energy development



Contract Structure

- Contract term: 15 years
- Pay for the output of the wind generating portion of the project at a fixedprice rate per MWh, no escalation
- Peninsula Clean Energy is entitled to all product attributes from the facility:
 - Energy
 - Renewable energy
 - Resource adequacy.
- Peninsula Clean Energy will be the Scheduling Coordinator



Courtesy of Scout Clean Energy

Labor

- The project is a commitment to constructing the project using union labor
- Rather than sign a new project-specific labor agreement, their contractor has an agreement already in place with national labor unions
- The relevant trades included are Ironworkers, Carpenters/Millwrights, Laborers, and Operators. Additionally, they have also committed to using electrical subcontractors that are signatory to IBEW

Environmental Review

- Staff worked with several environmental non-profits to develop a system for evaluating the environmental impact of projects. Staff studied the geospatial footprint of the project to evaluate whether the project is located in a restricted or high conflict area for renewable energy development:
 - Protected areas at the federal, state, regional, local level (e.g. County-designated conservation areas, BLM Areas of Critical Environmental Concern, critical habitat for listed species, national, state, county parks, etc.).
 - Identified and mapped important habitat and habitat linkages, especially for threatened and endangered species (either state or federally listed).
- For this project, the analysis showed that the project was not located in a protected area based on the USGS Protected Areas Database (PAD-US) or in an area not suitable for renewable energy development as identified by the Renewable Energy Transmission Initiative (RETI).

USGS PAD-US: https://www.usgs.gov/core-science-systems/science-analytics-and-synthesis/gap/science/protected-areas RETI: https://reti.databasin.org/

Permitting

- California Department of Parks and Recreation (CDPR) was the lead agency for the CEQA process
 - CEQA Environmental Impact Report completed in August 2020
- CUP not required by state park
- Bureau of Reclamation (BOR) conducted a Finding of No Significant Impact (FONSI) declaring that the project will have no significant impact on the environment
 - Completed in January 2021

Generation Profile

Gonzaga provides valuable night generation in shoulder and summer months


Gonzaga Month-Hour Shape - 2025



Peninsula Clean Energy

Gonzaga + Arica Month-Hour Shape in 2025



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Fit with Strategic Plan

- Priority 1: Design a power portfolio that is sourced by 100% carbon free energy by 2025 that aligns supply and consumer demand on a 24x7 basis
- Power Resources Goal 1: Secure sufficient, low-cost, clean sources of electricity that achieve Peninsula Clean Energy's priorities while ensuring reliability and meeting regulatory mandates
 - Objective A Low Cost and Stable Power: Develop and implement power supply strategies to procure low-cost, reliable power.
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Recommendation

Approve Resolution Delegating Authority to Chief Executive Officer to Execute Power Purchase and Sale Agreement for Renewable Supply with Gonzaga Ridge Wind Farm, LLC, and any necessary ancillary documents with a Power Delivery Term of 15 years starting at the Delivery Commencement Date on or about October 31, 2024, in an amount not to exceed \$204 million.

Questions



Courtesy of Scout Clean Energy



11. Diversity, Equity, Accessibility, and Inclusion (DEAI) Contract Approval (Action

Regular Agenda

Peninsula Clean Energy

Recommendation

Approval of a Resolution Delegating Authority to the Chief Executive Officer to Execute an Agreement with GCAP Services, Inc. in Amount Not to Exceed \$175,650 for Diversity, Equity, Accessibility, and Inclusion Consulting Services

Agenda

- Background/Discussion of CAC Equity Statement
- Senate Bill 255 and Utility Supplier Diversity
- DEAI RFP Process
- Information about selected Consultant, GCAP Services

Background: Citizens Advisory Committee Equity Statement

- CAC Equity Working Group formed July 2020
- Primary task of Equity Working Group: "ensure equity is a priority across all working groups and built into PCE strategic priorities"
- CAC's draft equity statement accepted by the Board of Directors at January 28, 2021 meeting
- Board to work with CAC to build on Draft Equity Statement and create DEAI Organizational Statement/Policy and Action Plan

SB 255 (Bradford) and Utility Supplier Diversity

- SB 255 signed in October 2019
- Requires Community Choice Aggregators to "annually submit a detailed and verifiable plan for increasing procurement from small, local, and diverse business enterprises"
- Expands California Public Utilities Commission's (CPUC's) Utility Supplier Diversity Program

DEAI RFP Process

- DEAI RFP was released as a competitive solicitation in early May, 2021
- Responses due in mid-June 2021
- Received 8 proposals, 7 complete
- DEAI Subcommittee interviewed top 3 finalists in early/mid July
- Staff posed additional questions to top 2 finalists in early August
- Board Subcommittee and Staff had follow up meetings with top 2
 finalists in late September/early October
- Consensus reached on top Consultant, GCAP Services, on 10/15

About GCAP Services, Inc. and Rosales Business Partners

- Minority Business Enterprise (MBE) certified professional consulting firm headquartered in Costa Mesa, CA
- 75% of employees are minority and/or women
- Over 22 years experience providing management, assessment, benchmarking, training, and support in a wide variety of DEAI work areas
- Hired by the CPUC to implement the Supplier Diversity Program
- Subcontractor for this engagement- Rosales Business Partners (RBP)
 - RBP is a San Francisco based consulting firm focused on DEAI regarding internal and external workforce policies and programs

Recommendation

Approval of a Resolution Delegating Authority to the Chief Executive Officer to Execute an Agreement with GCAP Services, Inc. in Amount Not to Exceed \$175,650 for Diversity, Equity, Accessibility, and Inclusion Consulting Services



12. CC Power Long Duration Energy Storage Background (Action)

Regular Agenda October 28, 2021 Siobhan Doherty, Director of Power Resources

Objective

 Provide background on RFO, evaluation, shortlisting and negotiation process to support approval of an Energy Storage Service Agreement, and ancillary agreements with, LS Power for Tumbleweed Long Duration Energy Storage at a future Board meeting

RFO Objectives & Requirements

Objectives

- Procure cost-effective LDS to integrate renewables & support grid reliability
- Joint-procurement to share resources and project risk
- Meet future potential IRP procurement mandates
- Technology and location agnostic with desire to evaluate emerging technologies
- Full tolls for capacity and energy value

Requirements

- CAISO resource or Import with dynamic transfer rights
- Must be able to qualify for Resource Adequacy
- Grid-charged with minimum 8-hour discharge duration
- COD no later than June 1, 2026
- Minimum delivery term 10 years
- 50 MW minimum
- Complete bid submission

RFO Background and Timeline



RFO Timeline

Activity	Original Date
Issuance of RFO	October 15, 2020
Offerors Webinar	October 28, 2020
Offer Submission Deadline	December 1, 2020
Project Shortlisting	Mid-May 2021
Developer/Buyer Negotiations	June – October 2021
CC Power 60-day Notice for Contract Approval	October 2021
CC Power Final Contract Approval (Tentative)	December 2021
Individual CCA Board Approval	December 2021 – February 2022

Offers

	Technology	
 Projects on-line as early as 2023 	Battery aqueous-air	
 51 Entities submitted offers (over 9,000 MW) 	flow lithium-ion zinc	
Total of 221 unique pricing offers 160 Full Toll Offers	Chemical Flow iron redox flow vanadium flow	
 57 RA Only Offers 	Compressed Air	
	Fuel Cell – Hydrogen	
 8 Technology types 18 distinct technologies 	Hybrid hydrogen, combined-cycle gas gen li-ion, combined-cycle gas gen	
 8 10 12 hour and multi-day discharge durations 	Mechanical – Gravity	
\sim 0, 10, 12-1001, and multi-day discharge durations $=$	Pumped Hydro	
	Thermal ice (HVAC) liquid air molten Salt molten Salt & Gas gen volcanic stone	
Peningula Clean Energy	water heat exchange	55



- Identified <u>98 primary offers</u> out of the initial list of 221
- Primary offers were chosen based on the following principles:
 - Conforming offers only
 - Lowest price
 - Shortest delivery term (10-15 years)

Two-Round Evaluation Process

Round One



All 98 Primary Offers were scored and ranked. Top 17 moved to Round 2

Lithium-Ion v. Emerging Technologies

- The top 10 projects were the highest scores (all li-ion).
- The remaining 7 spots were allocated to the highest scoring non liion projects.
 - The decision to include non li-ion and classify as "emerging technologies" was to introduce technology diversity to the potential shortlist.
 - o 56 out of the 98 primary offers represented li-ion

Round 2 Evaluation Process



*Emerging technologies defined as non-Li-Ion including 2nd life EV, Gravity, Hydrogen, Liquid Air, Compressed Air, Iron Redox Flow, and Pumped Storage Hydro

Project Value

- 1. Cost were assumed fixed, with the exception of projects with a variable operating component
- 2. Expected value ranged from negative to marginally positive
- 3. Value highly variable and uncertain over time
 - 1. Location matters
 - 2. Dependent on how the storage is operated (day ahead vs. real time)
 - 3. A/S value expected to decrease over time
- 4. Resource Adequacy value (avoided cost) is dependent on regulatory structure

Shortlisting

- Agreed upon a two-tier shortlist.
 - <u>Tier 1</u> Offers that scored the highest and received the most confidence in delivering a long duration storage product.
 - <u>Tier 2</u> Offers that require more information for CC Power negotiating team to commit to executing a contract.
- Provided additional capacity to deal with projects dropping
- Focus of negotiations on Tier 1 Projects

Contract Structure



Participating CCAs

7 CCAs agreed to move forward with joint LDS procurement

















Mid-Term Reliability Decision (2023 – 2026)

- <u>D.21-06-035</u> adopted by CPUC on June 24, 2021 to address mid-term reliability needs
- LSEs required to collectively procure 11,500 MW NQC of new resources
- Follow-on to November 7, 2019 CPUC decision mandating 3,300 MW NQC procurement for 2021-2023 to maintain reliability
- Contract of at least 10 years
- Allocated to LSEs by load share
- Resources must be zero-emission or RPS eligible (no fossil resources)
- 4,500 MW of obligation subject to specific category requirements (next slide)

Procurement Timing

• Timing of overall procurement requirement and specific categories is assigned in tranches between 2023 and 2026

Procurement Obligation in NQC¹ MW for All LSEs by Category and Year

Procurement Category	2023	2024	2025	2026	Total
Zero-emissions generation, generation paired with storage, or demand response resources ²	-	-	2,500	-	2,500
Firm zero-emitting resources ³	-	-	-	1,000	1,000
Long-duration storage resources ³	-	-	-	1,000	1,000
Remaining New Capacity Required			-	-	7,000
Total Annual Net Qualifying Capacity (NQC) Requirements	2,000	6,000	1,500	2,000	11,500

- 1. Obligation is in NQC MW (not nameplate) and subject to ELCC factor
- 2. Zero-emissions resources required to replace Diablo Canyon must be procured by 2025, but may occur in any of the years 2023-2025; therefore, the columns do not add to the total.
- 3. LSEs may request an extension by February 1, 2023 up to 2028 for the LLT resources. Minimum 8-hour discharge Peninsula Clean Energy

Peninsula Clean Energy Allocation

- Volumes allocated to LSEs based on load share
- Some portion of category 1 would need to come online prior to 2025 to meet targets below

Procurement Category	2023	2024	2025	2026	Total
Zero-emissions generation, generation paired with storage, or demand response resources ¹	-	-	47	-	47
Firm zero-emitting resources ²	-	-	-	19	19
Long-duration storage resources ²	-	-	-	19	19
Remaining New Capacity Required	-	-	-	-	132
Total Annual Net Qualifying Capacity (NQC) Requirements	38	113	28	38	217

- 1. zero-emissions resources required to replace Diablo Canyon must be procured by 2025, but may occur in any of the years 2023-2025; therefore, the columns do not add to the total.
- 2. LSEs may request an extension by February 1, 2023 up to 2028 for the LLT resources

Peninsula Clean Energy

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Effective Load Carrying Capacity Factors

- CPUC released an <u>ELCC study</u> in September 2021 to convert facility nameplate to Net Qualifying Capacity ("NQC)
- 2025 and 2026 figures are indicative and will be finalized by end of 2022

Procurement Category	2023	2024	2025 Indicative	2026 Indicative
4-Hour Battery	96.3%	90.7%	74.2%	69.0%
6-Hour Battery	98.0%	93.4%	79.6%	75.1%
8-Hour Battery	98.2%	94.3%	82.2%	78.2%
8-Hour Pumped Storage Hydro				76.8%
12-Hour Pumped Storage Hydro				80.8%

Incremental ELCCs for Storage Resources

LDS Obligation for Participating CCAs

• Long Duration Storage requirement in NQC MW and converted to nameplate using the available 2024 and 2026 ELCCs

CCA	NQC MW	Nameplate MW (2024 ELCC)	Nameplate MW (2026 ELCC)
CleanPowerSF	15.5	16.4	19.8
Peninsula Clean Energy	19.0	20.1	24.3
Redwood Coast Energy	3.5	3.7	4.5
San Jose Clean Energy	21.5	22.8	27.5
Silicon Valley Clean Energy	20.5	21.7	26.2
Sonoma Clean Power	12.5	13.3	16.0
Valley Clean Energy	4.0	4.2	5.1
Total	96.5	102.3	123.4

LDS Project #1

- Project LS Power's Tumbleweed
- **Product** 69 MW/552 MWh Tolling Agreement
- Location Rosamond, Kern County
- Technology –Li-ion
- Interconnection Status PCDS
- **COD** 7/1/24
- Discharge Duration 8 hours
- Price fixed \$/kw-mo
- Term 15 years



Tumbleweed Shares per CCA

• Expected capacity share per CCA is based on a pro rata share of CPUC's Mid-term Reliability Procurement Order

Participating CCA	MTR Procurement Capacity Order LDS MW	% of MTR Requirement	Tumbleweed Allocation MW
CPSF	15.5	16%	11.1
PCE	19	20%	13.6
RCEA	3.5	4%	2.5
SJCE	21.5	22%	15.4
SVCE	20.5	21%	14.7
SCPA	12.5	13%	8.9
VCE	4	4%	2.9
Total	96.5		69.0

- Participating CCAs will seek authority to take a maximum capacity to cover:
 - Increased capacity should a CCA not obtain approval to move forward
 - Step-up capacity of up to 25% of contracted capacity

Peninsula Clean Energy

CC Power Tumbleweed Approval Process

Step 1: CC Power Board issues 60-day notice to consider ESSA for approval in December - Today

- Step 2: CC Power Board approves ESSA, PPSA, BLPTA & Operating Agreement condition on individual CCA Approval
- **Step 3**: CCAs seek respective Board Approvals of PPSA, BLPTA and Operating Agreement ✓
- **Step 4:** Tumbleweed Agreements become effective



Process will be repeated for additional LDS Project Agreements – condition on negotiations and interest from other CCAs

Peninsula Clean Energy Approval Process

Date	Event	
10/12 🗸	October Executive Committee	Provide background
10/28 🗸	October Board Meeting	Provide Board with background on project
11/4	Procurement Subcommittee	Deeper dive on project and contract
11/8	November Executive Committee	Provide any updates
11/18	November Board Meeting	Vote on CC Power participation Vote on Peninsula Clean Energy participation
12/16	December Board Meeting	Report back on status of CC Power vote


- 1. Tumbleweed NPV to participating CCAs is highly uncertain
- 2. Procurement of Long Duration Storage (8-hours or more) is mandated through MTR order
- 3. LS Power's Tumbleweed project will meet 56 to 68 percent of participating members obligation
- 4. Tumbleweed COD is 2024, which may provide for a greater ELCC (94.3%) than 2026 COD (78.2%). Seeking CPUC clarification
- 5. Seeking provisions for prevailing wages, a PLA and prohibition of forced labor.



13. Board Members' Reports (Discussion)

Regular Agenda

Peninsula Clean Energy



Adjournment



Peninsula Clean Energy