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# Minutes

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**Date:** May 4, 2023  
**To:** NCPA Facilities Committee  
**From:** Carrie Pollo  
**Subject:** May 3, 2023 Facilities Committee Meeting Minutes

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- 1. Call meeting to order & Roll Call** – The meeting was called to order by Committee Chair Alan Harbottle (Alameda) at 9:10 am. Attending via teleconference and on-line presentation were Midson Hay (Alameda), Jake Carter (Gridley), Mike Brozo (Plumas-Sierra), Khaly Nguyen (Port of Oakland), Nick Rossow (Redding), Monica Nguyen (Santa Clara), and Cindy Sauers (Ukiah). Peter Lorenz (non-voting Representative with TID) also attended via teleconference and online presentation. Those attending in person are listed on the attached Attendee Sign-in Sheet. Committee Representatives from BART, Biggs, Healdsburg, Lodi, Lompoc, Palo Alto, Shasta Lake and TID, were absent. A quorum of the Committee was not established.

## **PUBLIC FORUM**

No public comment.

- 2. Approval of Minutes from the April 5, 2023 Facilities Committee meeting.**

Due to the lack of a quorum no formal action was taken on this item.

- 3. All NCPA Facilities, Members, SCPPA – Plug In America First Amendment to MTCSA –** Staff presented background information and was seeking a recommendation for Commission approval of a First Amendment to the Multi-Task Consulting Services Agreement with Plug In America for electrification education and outreach services, to extend the term of the Agreement for an additional two year period, for continued use by NCPA, NCPA Members, by SCPPA, and SCPPA Members.

NCPA entered into a three-year MTCSA with Plug In America effective December 18, 2020, for an amount not to exceed \$750,000. This agreement has been used by NCPA Members through NCPA's Support Services program. An NCPA Member has requested that the agreement be extended. This amendment will extend the term of the Agreement for an additional two-year period from the original expiration date of December 17, 2023 to a new date of December 17, 2025. The not to exceed amount of \$750,000 will remain the same through the end of the contract term. This enabling agreement does not commit NCPA to any expenditure of funds. At the time services are needed, NCPA will bid the specific scope of work consistent with NCPA procurement policies and procedures. NCPA has agreements in place for similar services with Acterra, Cool the Earth, and Electric Car Insider.

Due to the lack of a quorum, no formal action was taken. However, the Members present at the meeting voiced their support of the recommendation for Commission approval authorizing the General Manager or his designee to enter into a First Amendment to the Multi-Task Consulting Services Agreement (MTCSA) with Plug In America for Electrification Education and Outreach Services, with any non-substantial changes recommended and approved by the NCPA General Counsel, to extend the term of the Agreement for an additional two year period, for continued use by NCPA, NCPA Members, by SCPPA, and SCPPA Members. No other meeting attendees had any objections or questions. This item will move forward to the next Commission Meeting scheduled on May 25, 2023 on the Commission Consent Calendar.

- 4. All NCPA Facilities, Members, SCPPA – EverLine Compliance CA, LLC Second Amendment to MTGSA** – Staff presented background information and was seeking a recommendation for Commission approval of a Second Amendment to the five-year Multi-Task General Services Agreement with EverLine Compliance CA, LLC for pipeline maintenance and operations related services, amending Exhibits A and B to include additional regulatory services, for continued use at all facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, and SCPPA Members.

NCPA entered into a five year Multi-Task General Services Agreement with Energy Project Solutions, LLC, effective June 1, 2020, to provide pipeline operations and maintenance services, for use at all NCPA, NCPA Member, SCPPA, and SCPPA Member facilities. Effective April 18, 2022, NCPA and Energy Project Solutions entered into a First Amendment, accepting assignment of the agreement to EverLine Compliance CA, LLC.

It was recently determined NCPA didn't have a compliant control room under our current services to control the Alameda pipeline. Since the Alameda pipeline is a DOT PHMSA regulated asset, NCPA can't add it to the existing LEC control room without significantly increasing the regulatory requirements for NCPA and its employees. These services were previously administered by Dick Brown Technical Services (DBTS) as subcontracted by Energy Project Solutions (EPS), NCPA's previous pipeline compliance contractor. EverLine has acquired both DBTS and EPS, and can provide these services. NCPA now desires to enter into a Second Amendment to the Multi-Task General Services Agreement amending Exhibits A and B to add these required regulatory control room services. The not to exceed amount of \$1,000,000 will remain the same through the end of the contract term. This enabling agreement does not commit NCPA to any expenditure of funds. At the time services are needed, NCPA will bid the specific scope of work consistent with NCPA procurement policies and procedures. NCPA does not have any other agreements for similar services at this time.

Due to the lack of a quorum, no formal action was taken. However, the Members present at the meeting voiced their support of the recommendation for Commission approval authorizing the General Manager or his designee to enter into a Second Amendment to the Multi-Task General Services Agreement with EverLine Compliance CA, LLC for pipeline operations and maintenance services, with any non-substantial changes recommended and approved by the NCPA General Counsel, amending Exhibits A and B to add required regulatory services, for continued use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, and SCPPA Members. No other meeting attendees had any objections or questions. This item will move forward to the next Commission Meeting scheduled on May 25, 2023 on the Commission Consent Calendar.

- 5. All NCPA Facilities, Members, SCPPA – Aspen Environmental Group MTCSA** – Staff presented background information and was seeking a recommendation for Commission approval of a five-year Multi-Task Consulting Services Agreement with Aspen Environmental Group for

energy related consulting services, with a not to exceed amount of \$1,000,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, and SCPPA Members.

This is an existing NCPA vendor. The current agreement with Aspen Environmental is expiring. An NCPA Member has expressed an interest in using this vendor in the future. NCPA desires to enter into this agreement so established terms and conditions are in place should this vendor be the successful bidder on future purchases. This enabling agreement does not commit NCPA to any expenditure of funds. At the time services are needed, NCPA will bid the specific scope of work consistent with NCPA procurement policies and procedures. NCPA has similar agreements in place with Kano Consultants, Geosyntec Consultants, Inc., EGS Consulting, Inc., and Risk Management Professionals, Inc.

Due to the lack of a quorum, no formal action was taken. However, the Members present at the meeting voiced their support of the recommendation for Commission approval authorizing the General Manager or his designee to enter into a Multi-Task Consulting Services Agreement with Aspen Environmental Group for energy related consulting services, with any non-substantial changes recommended and approved by the NCPA General Counsel, which shall not exceed \$1,000,000 over five years, for use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPPA and SCPPA Members. No other meeting attendees had any objections or questions. This item will move forward to the next Commission Meeting scheduled on May 25, 2023 on the Commission Consent Calendar.

- 6. NCPA Geothermal Facility – 2023 Steam Field Operations Forecast Report** – Staff presented background information and was seeking a recommendation for Commission approval of the 2023 Steam Field Operations Forecast Report, including approval regarding the market power price at which to curtail the load at the NCPA Geothermal facilities, as the Geothermal Operating Protocol effective July 1, 2023, and remaining in effect until replaced by the Commission.

The 2022 Operating Protocol for NCPA’s Geothermal Facility used a two-zone strategy with wells on the west side of the NCPA lease producing to Plant #1, Units #1 and #2, while the wells on the east side of the NCPA lease produced to Plant #2, Unit #4. The 2022 Protocol allowed for reduction of load under the economic conditions listed below.

- Day Ahead Market Prices are a minimum of negative \$25 per MWh.
- The level of curtailment will be limited to 45 MW with discretion to adjust this level based on the steam field response.
- Duration of the curtailment is to be a minimum of 4 hours.
- Curtailments are limited to once per calendar day.

In 2023, the recommended Operating Protocol is to continue using the two-zone strategy, and operate Plants #1 and #2 at baseload conditions with the goal of maximizing generation. To clarify the criteria for any reduction in generating load, the following economic conditions are introduced into the 2023 Geothermal Operating Protocol.

- Curtailing generation is an option that may occur only when the Day Ahead Market Prices are a minimum of negative \$25 per MWh and Net of the Renewable Energy Credit (REC) value.
- The level of curtailment will be limited to 45 MW with discretion to adjust this level based on the steam field response.
- Duration of the curtailment is to be a minimum of 4 hours.
- Curtailments are limited to once per calendar day.

This Protocol establishes a 2023 annual peak generation target of 101.5 gross MW.

Due to the lack of a quorum, no formal action was taken. However, the Members present at the meeting voiced their support of the recommendation for Commission approval authorizing the 2023 Steam Field Operations and Forecast Report dated May 2023 as the Geothermal Operating Protocol effective July 1, 2023. This Operating Protocol is to remain in effect until replaced by the Commission. No other meeting attendees had any objections or questions. This item will move forward to the next Commission Meeting scheduled on May 25, 2023 on the Commission Consent Calendar.

7. **NCPA 2023 Wildfire Mitigation Plan** – Staff is seeking a recommendation for approval of the NCPA 2023 Wildfire Mitigation Plan, with updated revisions based on the qualified independent evaluator’s recommendations.

Public Utilities Code, Division 4.1, Chapter 6 Wildfire Mitigation, Code 8387 requires electric utilities to assess the risk of catastrophic wildfire posed by a utility’s overhead electrical lines and equipment. In response to this requirement, NCPA created its Wildfire Mitigation Plan, to reduce the risk of NCPA facilities igniting wildfire, including identifying preventative maintenance procedures and practices. The NCPA Wildfire Mitigation Plan was approved in the December 5, 2019 Commission Meeting. Annual independent evaluations of the Wildfire Mitigation Plan were conducted in 2020, 2021 and 2022, with minor revisions to the plan. Each revision has been approved in annual Commission Meetings.

NCPA contracted with Dudek, a qualified independent evaluator with experience in assessing the safe operation of electrical infrastructure, to complete the statutorily required three-year revision and assess the comprehensiveness of the Wildfire Mitigation Plan. The independent evaluator issued a report (attached as an appendix to the Wildfire Mitigation Plan) stating that NCPA’s Wildfire Mitigation Plan appropriately addressed all elements required under CPUC Section 8387 (b) (2) and WSAB 2022 recommendations. The independent evaluation and report were completed April 27, 2023.

NCPA is now seeking Commission approval of the NCPA 2023 Wildfire Mitigation Plan, to include the recommended revisions provided by the qualified independent evaluator, revise the Wildfire Mitigation Plan from Version 1.3 to 2.0 to reflect the three year required update, and post the Wildfire Mitigation Plan 2.0 to the NCPA Website.

Due to the lack of a quorum, no formal action was taken. However, the Members present at the meeting voiced their support of the recommendation for Commission approval of the NCPA 2023 Wildfire Mitigation Plan, with updated revisions based on the qualified independent evaluator’s recommendations and Wildfire Safety Advisory Board (WSAB) 2022 recommendations. No other meeting attendees had any objections or questions. This item will move forward to the next Commission Meeting scheduled on May 25, 2023 on the Commission Consent Calendar.

8. **City of Lodi Scheduling Coordinator Agreement** – Staff is seeking a recommendation for Commission approval of a Scheduling Coordinator Agreement between NCPA and the City of Lodi, for the purpose of scheduling the Lodi Strategic Reserve Project (Resource ID LODI25\_6\_ERKNG1). ***\*\*This item was pulled from the agenda and will be brought back to a future meeting.\*\****

### **INFORMATIONAL ITEMS**

9. **New Business Opportunities** – Staff provided an update regarding new business opportunities.

#### **NCPA Project Development (PPA) – Zero Waste Energy Development (ZWED)**

- SB 1383 Compliance Goal

- 1.6 MW LF Gas – Existing Facility
- Participants: Santa Clara and Palo Alto
- Products: Energy, RPS, RA
- Term: 10 Year Term
- Operations: Seller to act as Scheduling Coordinator
- Price: TBD
- Negotiation Status: Active

**Scheduling Coordinator Services – City of Lodi Strategic Reserve** – Lodi is working with CDWR to install additional capacity in support of a State Strategic Reserve Program. This would be a 48+ MW natural gas facility operated by Enchanted Rock. NCPA’s role would be to act as the Schedule Coordinator for the facility interconnected with the City of Lodi. This facility is to only be dispatched under limited circumstances such as CAISO system emergency (EEA1, EEA2, and EEA3) in response to a local transmission emergency. The goal of this project is to be operational in the summer of 2023. Staff is now developing a Scheduling Coordinator Agreement with Lodi.

**Geysers Geothermal – Next Steps**

- Project Participation Percentage Transfer Deadline
  - Deadline: April 30, 2023
- Next Steps:
  - All assignments have been fully executed
  - NCPA to seek Commission approval of amended Appendix A to incorporate Table 3

**10. NCPA Inter-Agency Resource Plan (IARP) Update** – Staff provided an informational update regarding the development of the NCPA IARP.

- **Short Term Goals 2021-2026**
  - Identify Member’s common needs (existing load and Member owned resources)
  - Conceptual plans of transition periods (effects of electrification and EV charging)
  - Proposal & Economic Evaluation (considering effects of temperature increase and increasing transmission costs)
- **Project Deliverables Schedule (Ascend)**
  - 3/2 – NCPA Background, Assumptions & Purpose
  - 3/9 – Energy & Peak Demand Forecasts (Pooling Member review of Load forecasts)
  - 3/16 – Resources & Capacity (Pooling Member review of Resources)
  - 4/28 – Load – Resource Balance (Pooling Member review)
  - 5/11 – Planning Scenario and Recommendations
  - 5/23 – Conclusion
  - 5/30 – Executive Summary

Please direct any questions to James Mearns with NCPA or Brandon Mauch with Ascend Analytics.

**11. NCPA Generation Services Plant Updates** – Plant Staff provided the Committee an update on current plant activities and conditions.

**CTs** – CT1 had 16 starts (7 ghost and 9 actual) of 6 forecasted. FYTD total is 120 starts. Alameda Units 1 & 2 were dispatched in the Day Ahead market. CT2 had 0 starts of 0 forecasted. FYTD total is 21 starts.

- **Outages**
  - CT1 Lodi – On 4/20/23 @1443 64B Utility Ground Fault Relay. Crews were dispatched and began troubleshooting. Found 13.8Kv bus cable to Aux transformer,

- “B” phase is bad. On 5/24/23 RFP went out to three electrical contractors, on 5/26 one contractor responded, quote on hand for the work. Unit forced out thru 5/15/23.
- CT1 Alameda – U1/U2 – The NERC PRC-006 testing outage scheduled for 5/15/23 – 5/17/23 was cancelled due to PG&E unable to support those dates. New outage dates are 6/5/23 – 6/7/23.
- CT2 STIG – Outage is complete and unit is back in service.
- **CT1 Lodi Run Hours**
  - YTD hours 16.5 of 200 Allowed (based on calendar year)
- **CT1 Alameda Diesel Hours**
  - U1= 5.27 hrs. of 20 (based on rolling year)
  - U2= 5.80 hrs. of 20 (based on rolling year)
  - DOT Pipeline and Hazardous Material Safety Administration (PHMSA), conducted Alameda gas pipeline inspection 4/18-4/20. To finalize inspection, DOT inspector needs to witness main gas shutoff for pipeline.
- **FY 2023 Encumbrance Update**
  - The CT1 Excitation upgrade is complete, NCPA has paid \$919,530.54 and the controls upgrade will need to be carried over into FY 2024. Controls estimated cost will be around \$255,000.
  - All other outstanding projects have been received and paid.
- **Staff reviewed the CAISO Commitment Runs for April 2023.**

**Geo** – There was one safety incident to report for the month of April due to an accidental H2S release. Safety training was done after this incident, which is now 56% complete for the year. Cal Fire Konocti is staging and starting vegetation management at the Geo Facilities. The average net generation level for April was 74 MW. Total average net generation was 53.3 GWh. The FY 2023 net generation goal is 734 GWh. Currently FY 2023 actual net generation is 577.8 GWh YTD at 4.8% under the forecasted net generation YTD. Unit 1 is currently still out of service. The return to service is TBD. Basket strainer material was found inside the turbine. Bids were received to open, clean, and inspect the turbine. Inspections were conducted on the Plant 1 and 2 cooling towers.

**Hydro** – The Hydro project continues with heavy generation schedules. Collierville (CV) Power House was at 99% availability and New Spicer Meadows (NMS) Power House was at 92% availability during the month of April. April precipitation was 0.1 inches based on the 5 – Station Index. Precipitation is at 61.2 total inches, and is at 167% of average for this date. The SWC dropped from 237 to 191 and is at 252% of average for this date. Alpine, Union, Utica, North Fork, Beaver Creek and McKays Point are all currently spilling.

Staff provided a McKays Sedimentation levels update. A February 2023 Bathymetry was conducted to determine sedimentation impact from recent 2023 storms. It’s been detected that there is sediment movement into critical zones of the Hydro facilities including the cofferdam, power tunnel intake, fishery facilities and McKays Dam. There has been no overall net reservoir accumulation since 2018 – 518,000 to 460,000 cubic yards. The multi-beam scanning technology effectively shows advancement, scouring, and densification of the loose vegetative deposits. Staff will develop methods for a more frequent survey regime, and a sediment response plan.

- **New Spicer Meadows Reservoir Storage**
  - 12,191 acre feet increase (20%) month-over-month
  - 62,481 acre feet to 74,672 acre feet
    - High snow water content and forecasted spill
  - Optimizing stored water
    - Flushing flows completed on 4/8/2023

- Anticipate elevated drafts based on required flushing flows, likelihood of Spicer spill, tailwater management, and market conditions
- Monitoring snowpack, water rights, runoff, and market

**Current Events**

- Projects
  - USGS approved the 2021-2022 Water Year Record
  - Continued FEMA/OES damage coordination
  - Monthly CCWD coordination meetings
  - Commencing preparatory work on all approved FY 2024 projects
  - Base mapping underway for Clarks Creek along CV PH
    - Detailed design out for proposals
  - 230 KV T-line vegetation management commencing
    - Work is bidding

**12. Planning and Operations Update**

- **Resource Integrations In Progress**
  - City of Lodi Strategic Reserve – June 2023
  - Dagget Solar / Storage – Q3 2023
    - Solar Summer 2023
    - BESS Fall 2023
  - Scarlet Solar / Storage – Q3 2023
  - West Tambo Solar – Q3 2023
  - Proxima Solar / Storage – Q1 2024
- **Summer 2023 Readiness** – A coordination meeting with CAISO on May 9. NCPA activities include review and confirmation of Member contact information, review and validation of operating procedures, updated Dispatch and SC training for emergency operations, discuss emergency operations with Members, and further coordination with CAISO.
- **Meter Maintenance Program** – Next steps include confirming Member contacts, developing a project schedule for the Member meter maintenance per site and/or device, and implanting internal procedures for the administration of the Meter Maintenance Program.

**13. Next Meeting** – The next regular Facilities Committee meeting is scheduled for June 7, 2023.

**ADJOURNMENT**


The meeting was adjourned at 12:05 pm by the Committee Chair.





**Northern California Power Agency  
May 3, 2023 Facilities Committee Meeting  
Attendance List**

NCPA Facilities Committee Members are requested to sign, but signature by members of the public is voluntary.

<u>MEMBER</u>	<u>NAME</u>
<b>ALAMEDA</b>	
<b>BART</b>	
<b>BIGGS</b>	
<b>GRIDLEY</b>	
<b>HEALDSBURG</b>	
<b>LODI</b>	
<b>LOMPOC</b>	
<b>PALO ALTO</b>	
<b>PLUMAS-SIERRA REC</b>	
<b>PORT OF OAKLAND</b>	
<b>REDDING</b>	
<b>ROSEVILLE</b>	
<b>SANTA CLARA</b>	
<b>SHASTA LAKE</b>	
<b>TID</b>	
<b>UKIAH</b>	