



651 Commerce Drive
Roseville, CA 95678

phone (916) 781-3636
fax (916) 783-7693
web www.ncpa.com

Minutes

To: NCPA Facilities Committee
From: Carrie Pollo
Subject: August 7, 2024 Facilities Committee Meeting Minutes

- 1. Call meeting to order & Roll Call** – The meeting was called to order by Committee Chair Shiva Swaminathan (Palo Alto) at 9:09 am. Attending via teleconference and on-line presentation were Alan Harbottle, Midson Hay and Ben Rings (Alameda), Elisa Arteaga (Gridley), Brad Wilkie (Lompoc), Nathan Tang and Liem Nguyen (Port of Oakland), Kamryn Hutson (Redding), and Monica Nguyen (Santa Clara). Peter Lorenz (non-voting Representative with TID) also attended via teleconference and on-line presentation. Those attending in person are listed on the attached Attendee Sign-in Sheet. Committee Representatives from BART, Biggs, Healdsburg, Plumas-Sierra, Roseville, Shasta Lake, TID, and Ukiah were absent. A quorum of the Committee was not established at the time of roll.

PUBLIC FORUM

No public comment.

OPEN SESSION

DISCUSSION / ACTION ITEMS

- 2. Approval of Minutes from the May 1, June 5, and July 3, 2024 Facilities Committee meetings.**

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

- 3. All NCPA Facilities, Members, SPPA – CTi ControlTech, Inc. MTGSA** – Staff is seeking a recommendation for Commission approval of a five-year Multi-Task General Services Agreement with CTi ControlTech, Inc. for boiler and burner related services, with a not to exceed amount of \$500,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, SPPA, and SPPA Members.

This is a current NCPA vendor whose agreement is expiring. NCPA has utilized this vendor in the past and has a good working relationship with this vendor. 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 agreements in place for similar services with Air Hygiene International and Montrose Air Quality Services. A draft Commission Staff Report and agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

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 General Services Agreement with CTi Controltech, Inc. for boiler and burner related services, with any non-substantial changes recommended and approved by the NCPA General Counsel, which shall not exceed \$500,000 over five years, for use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPPA and SCPPA Members. This item will move forward to the next Commission Meeting scheduled for August 22, 2024 on the Commission Consent Calendar.

- 4. All NCPA Facilities – Chemical Waste Management, Inc. Seeking Approval to Increase of Authorized Funds for Industrial Waste & Disposal Services Agreement** – Staff is seeking a recommendation for Commission approval to increase the authorized not to exceed amount for industrial waste and disposal services under the three-year Industrial Waste & Disposal Services Agreement with Chemical Waste Management, Inc. from \$225,000 to \$550,000, with no change to the agreement terms and conditions, for continued use at all facilities owned and/or operated by NCPA.

NCPA entered into a three-year Industrial Waste & Disposal Services Agreement with Chemical Waste Management, Inc., effective April 15, 2022, to provide hazardous waste disposal services for NCPA Plant facilities on an as-needed basis. While the original agreement did not stipulate a dollar amount, NCPA executed the agreement with an authorized not-to-exceed amount of \$225,000, to be managed through its accounting systems process.

This agreement has been used frequently for ongoing hazardous waste disposal of sulfur material as well as larger projects, such as the Geothermal Plant 2 Cooling Tower Basin Cleanout Project, and the authorized funds for services under this agreement are running low. Staff is now seeking Commission approval to increase the authorized funds for this agreement from not-to-exceed \$225,000 to not-to-exceed \$550,000. 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 agreements in place for similar services with additional vendors at this time. A draft Commission Staff Report and agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

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 increase the authorized not-to-exceed amount for industrial waste and disposal services under the three-year Industrial Waste & Disposal Services Agreement – Kettleman Hills landfill location with Chemical Waste Management, Inc. from \$225,000 to \$550,000, with no change to the agreement terms and conditions, with any non-substantial changes recommended and approved by the NCPA General Counsel, for continued use at all facilities owned and/or operated by NCPA. This item will move forward to the next Commission Meeting scheduled for August 22, 2024 on the Commission Consent Calendar.

- 5. All NCPA Facilities, Members, SCPPA – Alpha Analytical Laboratories, Inc. First Amendment to MTCSA** – Staff is seeking a recommendation for Commission approval of a First Amendment to the five-year Multi-Task Consulting Services Agreement with Alpha Analytical Laboratories, Inc. for various laboratory testing and chemical analysis related services,

increasing the not to exceed amount from \$225,000 to \$325,000, with no change to the contract term, for continued use at all facilities owned and/or operated by NCPA, NCPA Members, SCPPA, and SCPPA Members.

NCPA entered into a five-year Multi-Task Consulting Services Agreement with Alpha Analytical Laboratories, Inc., effective September 24, 2020, for an amount not-to-exceed \$225,000, for use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, and SCPPA Members.

This agreement has been primarily used by the Geothermal Facility for laboratory testing and chemical analysis, and is now running low on funds. NCPA desires to enter into a First Amendment to the current Multi-Task Consulting Services Agreement, increase the not-to-exceed amount from \$225,000 to \$325,000 to ensure sufficient funds are available for the remainder of the contract term. This agreement will continue to be available for use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, and SCPPA Members. 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 Thermochem, Inc. A draft Commission Staff Report, First Amendment and original agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

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 with Alpha Analytical Laboratories, Inc for various laboratory testing and chemical analysis services, with any non-substantial changes recommended and approved by the NCPA General Counsel, increasing the not-to-exceed amount from \$225,000 to \$325,000, with no change to the contract term, for continued use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, and SCPPA Members. This item will move forward to the next Commission Meeting scheduled for August 22, 2024 on the Commission Consent Calendar.

- 6. NCPA Geo Facility – Veizades & Associates, Inc. First Amendment to MTPSA –** Staff is seeking a recommendation for Commission approval of a First Amendment to the five-year Multi-Task Professional Services Agreement with Veizades & Associates, Inc. for mechanical, electrical and civil engineering related services, increasing the not to exceed amount from \$225,000 to \$750,000, with no change to the contract term, for continued use at NCPA's Geothermal Facility.

NCPA entered into a five-year Multi-Task Professional Services Agreement with Veizades & Associates, Inc. effective March 22, 2021 for an amount not to exceed \$225,000 at for use at NCPA's Geothermal Facility.

This agreement has been used by the Geothermal Facility extensively during the previous years, and the agreement is running low on funds. NCPA now desires to enter into a First Amendment to the current Multi-Task General Professional Services Agreement, increasing the not to exceed amount from \$225,000 to \$750,000 to ensure there are sufficient funds available for the remainder of the contract term, and amending Exhibit B – Compensation Schedule and Hourly Fees to reflect an increase in costs for existing and additional services, as requested by the vendor. This agreement will continue to be available for use at the Geothermal Plant Facility. NCPA has agreements in place for similar services with Coffman Engineers, Inc., GHD, Inc., Power Engineers and Mesa Associates, Inc.

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. A draft Commission Staff Report, First Amendment, and original agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

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 Professional Services Agreement with Veizades & Associates, Inc. for mechanical, electrical, or civil engineering services, with any non-substantial changes recommended and approved by the NCPA General Counsel, increasing the not to exceed amount from \$225,000 to \$750,000 and amending Exhibit B – Compensation Schedule and Hourly Fees, with no change to the contract term, for continued use at NCPA's Geothermal Facility. This item will move forward to the next Commission Meeting scheduled for August 22, 2024 on the Commission Consent calendar.

- 7. All NCPA Facilities, Members, SCPPA – Peterson Power Systems, Inc. MTGSA –** Staff is seeking a recommendation for Commission approval of a five-year Multi-Task General Services Agreement with Peterson Power Systems, Inc. for miscellaneous inspection, load testing, and preventative maintenance related services, with a not to exceed amount of \$5,000,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, SCPPA, and SCPPA Members.

NCPA currently had an agreement in place with Peterson Power Systems, Inc., which has expired. NCPA has utilized this vendor in the past, and has a good working relationship with the vendor. NCPA desires to enter into this agreement so established terms and conditions are in place should this vendor be the successful bidder on future projects. 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 Koffler Electric Mechanical Apparatus Ind. Dba Kamar, and Vince Sigal Electric, Inc. A draft Commission Staff Report and agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

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 General Services Agreement with Peterson Power Systems, Inc. for miscellaneous inspection, testing, and preventive maintenance related 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. This item will move forward to the next Commission Meeting scheduled for August 22, 2024 on the Commission Consent Calendar.

- 8. All NCPA Facilities, Members, SCPPA – KGS Group International, Inc. MTPSA –** Staff is seeking a recommendation for Commission approval of a five-year Multi-Task Professional Services Agreement with KGS Group International, Inc. for engineering consulting related services, with a not to exceed amount of \$2,000,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, SCPPA, and SCPPA Members.

This is a new NCPA vendor. 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 agreements in place for similar services with Northern Industrial Construction, Ancon (Ancon Marine dba), Mistras Group, Inc., TEAM Industrial Services, Inc., and Southern Counties Lubricants. A draft Commission Staff Report and agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

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 Professional Services Agreement with KGS Group International, Inc. for project support related engineering consulting services, with any non-substantial changes recommended and approved by the NCPA General Counsel, which shall not exceed \$2,000,000 over five years, for use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPPA and SCPPA Members. This item will move forward to the next Commission Meeting scheduled for August 22, 2024 on the Commission Consent Calendar.

9. NCPA 2025 Plant Outage Schedule – Staff is seeking a recommendation for Facilities Committee approval of the 2025 Plant Outage Schedule.

The annual maintenance scope includes required regulatory compliance, electrical, mechanical, and civil type of work. Scheduling considerations include balancing multiple factors such as: cost, impact from weather and accessibility (such as snow), market and grid sensitivity, and parts availability. Outages are generally avoided in June, July, August, and during the winter heat load. Other considerations include contractor availability, as NCPA competes with many other power plant operators, and transmission outage coordination with PG&E. Assumptions and opportunity costs were provided to help with an economic approach.

CT1 Alameda Units 1 and 2 will be in a dual outage from January 1 – 31, 2025 for routine annual maintenance. CT2 and LEC are both in an outage from April 1 – April 30, 2025. CT1 Lodi will be in annual maintenance outage from May 1 – May 31, 2024. Geo Plant 1 Units 1 and 2 will be in a dual unit outage for 31 days from May 1 – 31, 2025. Geo Plant 2, Unit 4 will be in an outage from March 1 – March 31, 2025 Collierville Units 1 and 2 will be in a dual outage October 4, and October 5, 2025 for routine annual maintenance. Collierville Unit 2 will be in an outage October 4 – October 17, 2025. Collierville Unit 1 will be in an outage October 20 – October 31, 2025. Please contact staff with any questions, concerns, or feedback you may have regarding the 2025 planned outage schedule.

10. NCPA CT Facilities – Combustion Turbine Facilities 2025 Outage – Staff is seeking a recommendation for Commission approval authorizing the Combustion Turbine Facilities 2025 Outage and delegating authority to the General Manager or his designee to award bids, execute agreements, and to issue purchase orders for the outages in accordance with NCPA Purchasing Policies and Procedures, without further approval by the Commission, for a total cost not exceed \$627,500, to be funded from the Maintenance Reserve.

NCPA's Combustion Turbine Facilities have planned outages scheduled from January 1, 2025 through January 31, 2025 (CT1 Alameda) and May 1, 2025 through May 31, 2025 (CT1 Lodi) for work related to the 2025 outages. During the outages, the CT1 Facilities team will complete preventative maintenance work on equipment that cannot be worked on while the units are operating without affecting the output of the facility. NCPA will hire a number of contractors to perform work during the 2025 outages.

Listed below are highlights of work to be performed as a part of the outages:

- Fire System Inspection and Testing

- Gas Compressor Maintenance
- CT Borescope Inspection
- Scaffold and Insulation Support
- BOP Maintenance
- Gas Turbine Inlet Expansion Joint Repairs
- Gas Turbine Lube Oil Replacement Project

The budgetary funds to complete the CT Facilities 2025 Outages will come from the pre-collected funds in the Maintenance Reserve. In accordance with NCPA's procurement policies and procedures, NCPA will solicit bids to perform the work required for this Project. Bids will be evaluated and work will be awarded to the contractors providing the best overall value to NCPA. NCPA will issue purchase orders based on cost and availability of the services needed at the time the service is required.

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 Combustion Turbine Facilities 2025 Outages and delegating authority to the General Manager or his designee to award bids, execute agreements, and to issue purchase orders for the outage in accordance with NCPA purchasing policies and procedures, without further approval by the Commission, for a total cost not to exceed \$627,500, to be funded from the Maintenance Reserve. This item will move forward to the next Commission Meeting scheduled for August 22, 2024 on the Commission under Discussion/Action items.

- 11. NCPA Geo Facility – Geysers Reservoir Model Calibration & Forecast Project** – Staff is seeking a recommendation for Commission approval of the Geysers Reservoir Model Calibration & Forecast Project and delegating authority to the General Manager or his designee to award bids, execute agreements, and to issue purchase orders for the project in accordance with NCPA purchasing policies and procedures, without further approval by the Commission, for a total not exceed \$263,000 using the approved Geothermal Facility FY 2025 Operations and Maintenance Budget to fund the project.

NCPA's Geothermal Facility uses reservoir modeling software to simulate the long-term steam production and generation that would occur under various operating scenarios. This software is used as a modeling tool to guide injection strategy in an effort to maximize generation from the facility. NCPA previously used an older simulation software called TETRAD, however, in 2022, NCPA upgraded to a new simulation software called ECLIPSE. The ECLIPSE software is more effective at modeling superheated reservoir conditions as found in the Geysers, resulting in better forecasts of steam production.

Forecast runs using the new model suggest that deep parts of the reservoir have cooled from too much water injection and new injection strategies should be considered. To investigate new injection strategies, NCPA is proposing the Geysers Reservoir Model Calibration and Forecast Project. The proposed scope of work for this project is to:

- Update the production and injection history data in the model
- Recalibrate the model to better match the superheated conditions in the reservoir
- Provide six forecast runs under various injection strategies.
- Provide additional forecasts to optimize injection strategies (optional)

The total cost of this project is anticipated not to exceed \$263,000. The Commission specifically approved funds in the Geothermal Facility's FY2025 Operations and Maintenance Budget for reservoir modeling and if approved, the project will be funded in this manner.

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 Geysers Reservoir Model Calibration and Forecast Project and delegating authority to the General Manager or his designee to award bids, execute agreements, and to issue purchase orders for the project in accordance with NCPA purchasing policies and procedures, without further approval by the Commission, for a total not to exceed \$263,000 using the approved Geothermal Facility FY 2025 Operations and Maintenance Budget to fund the project. This item will move forward to the next Commission Meeting scheduled for August 22, 2024 on the Commission under Discussion/Action items.

12. NCPA CT Facilities – PG&E Negotiated Gas Transmission Rates – Staff is seeking a recommendation for Commission approval authorizing the General Manager or his designee to negotiate gas transmission rates with Pacific Gas and Electric (“PG&E”), or accept the standard variable rates, as well as authority to execute agreements Pursuant to D.24-03-002, as approved by the California Public Utility Commission (“CPUC”).

In July 2016, PGE increased local gas transmission rates by 212% for LEC, while raising Back-Bone transmission rates by just 6% for many competitors. This large price differential led to a ~70% reduction in LEC generation.

NCPA, working through the Northern California Generation Coalition (“NCGC”), participated in negotiating a revised rates structure with PG&E. These negotiations resulted in a reduced variable rate and a new fixed monthly rate, allowing NCPA’s Combustion Turbines to bid competitively against generators on the back-bone. Due to these negotiated rates, LEC’s capacity factor resumed to normal by the end of 2017.

In December 2022, the NCPA Commission approved an extension of the previously negotiated Rate Agreement. This extension enabled NCPA’s Combustion Turbines to operate under the agreed rates beyond the original expiration date of December 31, 2022. At the same time, NCGC and other stakeholders engaged in settlement workshops with PG&E to establish a long-term “EG-LT Fixed or Variable Rate Option” through a comprehensive all-party settlement agreement process.

On July 22, 2024, the CPUC approved PG&E’s GT&S CARD Advice Letter filing, 4913-G. This approval allows for the implementation of end-use gas and unbundled rates based on the revenue requirements set by the 2023 General Rate Case (GRC), along with the allocations and rate design outlined in the CARD Settlement agreement, including the “EG-LT Fixed or Variable Rate Option.”

On July 24, 2024, PG&E sent an email to NCPA and other settlement parties to offer negotiated “EG-LT Fixed or Variable Rate Options.” The following includes a timeline of events, in 2024, and next steps:

- July 22, 2024 - CPUC approved PG&E’s advice letter, 4913-G, to implement revenue requirements from the 2023 GRC along with the CARD Settlement
- July 24, 2024 - Parties received an offer letter for negotiated rates.
- **August 9, 2024 - Last day for parties to respond to PG&E email offer letter**
- August 10-31, 2024 - Draft Negotiated Rate Contracts
- **September 6, 2024 - Contract must be signed**
- September 30, 2024 - Current Contract end if electing a new negotiated rate
- October 1, 2024 - If elected, new negotiation rated begin
- October 31, 2024 - Current negotiated rates end

NCPA staff is recommending that the General Manager be delegated the authority to negotiate gas transmission rates with PG&E, or accept the standard variable rates, as well as the authority to execute any agreements or related forms as needed. If this authority is not granted or NCPA chooses not to enter into negotiated agreements with PG&E, NCPA's Combustion Turbines plants will default to the standard variable rate structure previously approved by the CPUC. The negotiated rate structure will allow NCPA to effectively choose the best rate design for CT1, CT2, or LEC to reduce cost and maximize market efficiency.

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 negotiate gas transmission rates with Pacific Gas and Electric ("PG&E"), or accept the standard variable rates, as well as authority to execute agreements Pursuant to D.24-03-002, as approved by the California Public Utility Commission ("CPUC"). This item will move forward to the next Commission Meeting scheduled for August 22, 2024 on the Commission under Discussion/Action items.

- 13. NCPA Hydro Facility – Collierville Powerhouse Tailrace Landslides Repair Project** – Staff is seeking a recommendation for Commission approval of the Collierville Powerhouse Tailrace Landslides Repair Project and delegating authority to the General Manager or his designee to award bids, execute agreements, and to issue purchase orders for the project in accordance with NCPA purchasing policies and procedures, without further approval by the Commission, for a total not to exceed amount of \$1,515,000, and authorizing \$1,515,000 from the approved FY25 Hydroelectric Budget to fund the project. A FEMA claim has been submitted and if any collections are received, funds will be refunded during the final settlements for the fiscal year they were received.

NCPA operates the North Fork Stanislaus Hydroelectric Project (FERC Project No. 2409), which NCPA constructed in the late 1980's. One of the project features is the Collierville Powerhouse (CVPH) and tailrace.

During the 2023 winter storms, the CVPH tailrace landslides occurred, during a declared winter disaster. A FEMA claim was submitted. The removal of debris removal and replacement of the rock slope protection is needed to restore safe access to the powerhouse and full unobstructed powerhouse flows.

Two out of four permits have been received for the CVPH Tailrace Landslides Repair Project. The remaining two permits should be received by September 2024. The site work is planned for September 2024 – November 2024. Should the Project not be approved, the work will need to be conducted in October 2025, due to weather, and NCPA will need to resubmit the approval(s) and permit process next year.

The total cost for engineering, design, maintenance services and permits for the Project is anticipated not to exceed \$1,515,000. Funds for the Project were included in the approved FY25 Hydroelectric budget.

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 Collierville Powerhouse (CVPH) Tailrace Landslides Repair Project and delegating authority to the General Manager or his designee to award bids, execute agreements, and to issue purchase orders for the project in accordance with NCPA purchasing policies and procedures, without further approval by the Commission, for a total not to exceed amount of \$1,515,000, and authorizing \$1,515,000 from the approved FY25 Hydroelectric Budget to fund the project. A FEMA claim has been submitted and if any collections are received, funds will be refunded

during the final settlements for the fiscal year they were received. This item will move forward to the next Commission Meeting scheduled for August 22, 2024 on the Commission under Discussion/Action items.

14. Second Amendment to GSA with Ulteig Operations, LLC for Meter Maintenance – Staff is seeking a recommendation for approval of a Second Amendment to General Services Agreement between the Northern California Power Agency and Ulteig Operations, LLC for Meter Maintenance.

NCPA, acting on behalf of the Pool Members¹, entered into a General Services Agreement dated effective June 1, 2023, (the “Agreement”) pursuant to which Ulteig Engineers, Inc. provides electric meter maintenance and support services for the Pool Member meters located throughout California. The Agreement was subsequently amended (the “First Amendment”) on February 21, 2024, assigning its work from Ulteig Engineers, Inc., to Ulteig Operations, LLC.

NCPA and Ulteig now desire to enter into the Second Amendment to amend Sections, 4.2.1, 4.2.2 and 4.3 of the Agreement to modify each such Section to increase Ulteig’s allowed self-insured retention or deductible limits from \$100,000 to \$500,000, as such limits apply to Ulteig’s Commercial General Insurance, Automobile Liability Insurance, and Professional Liability Insurance requirements.

Work associated with developing the Second Amendment was undertaken pursuant to approved Power Management budget categories, and costs associated with this effort are allocated in accordance with approved cost allocation methodologies as described in the NCPA annual budget.

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 Second Amendment to General Services Agreement between NCPA and Ulteig Operations, LLC for Meter Maintenance (Second Amendment), and to authorize the General Manager of NCPA to enter into the Second Amendment on behalf of NCPA, including any modifications to the Second Amendment approved by the NCPA General Counsel. This item will move forward to the next Commission Meeting scheduled for August 22, 2024 on the Commission Consent Calendar.

INFORMATIONAL ITEMS

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

NCPA RFP for Renewable Energy Resources – Staff has reviewed the responses to the NCPA 2024 Renewable/Storage RFP. Please see interest in the projects listed below based on Member feedback.

- Lodi
 - Vine Hill – 50% Share
 - 10 MW Solar / 5 MW BESS (Hawkins, Maestro, Las Camas)
- Alameda
 - 17 MW Solar / BESS (**Hawkins**, Maestro, McCloud)
- Palo Alto
 - 40 MW Solar / BESS (**Hawkins**, McCloud, Trolley)

¹ The Pool Members including the Cities of Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Ukiah, the Port of Oakland, and Plumas-Sierra Rural Electric Cooperative.

- Roseville
 - Terra Gen Index + - 100 % Share
- Redding
 - 70 MW to 100 MW
 - McCloud, Wildcat, Las Camas, Discovery
- SVP
 - 200 MW (Hawkins)
 - Wildcat – 100% Share
 - Las Camas – 100% Share
 - Maestro, McCloud, Vertigo
 - NCPA to confirm subscription level

16. NCPA Disaster Recovery Center Update – Staff informed the Committee that the final bid package has been received. The RFP will go out tomorrow, August 8, 2024. The final bids will be due September 9, 2024. Staff would like to get the award of contract approved at the September Commission meeting.

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

Hydro – During the month of July, Collierville (CV) Power House was at 100% availability. New Spicer Meadows (NMS) Powerhouse was at 99% availability due to a PG&E TIGO. The monthly generation profiles for CV and NMS were shared with the Committee. The Lake Alpine Handrail project is nearly completed. Concrete maintenance was performed on the New Spicer Spillway during the month. Staff shared photos of the vegetation management that was done on the McKays 17kV ROW. Staff also shared three observed anomalies on the 230 kV line, which included a shifted cotter-key, dislodged corona ring, and foreign material on the insulator. The line was de-energized and staff is awaiting the contractor to re-energize the line again.

Upper Reservoir Positions

- Alpine/Utica/Spicer: 82%/76%/87%

New Spicer Meadows Reservoir Storage

- 20,173, acre feet decrease (11%) month-over-month
- 184,055-acre feet to 163,882-acre feet

Current Events

- Preparing for annual fall Spicer and Collierville outages
- FERC and DSOD upper project inspections next week
- FM insurer inspections upcoming
- Safety trainings 92% complete for the year
- Conducted FYLF training of Hydro staff and site evaluations
- Meeting with CCWD August 29th
- Received USFS approval of Pesticide Use Permit for use on Spicer dam to control woody vegetation
- Finalizing FERC Pre-Inspection Preparation Report for Spicer and McKays

Geo – The average net generation for the month of July was 75.1 MW. The total net generation was 55.9 GWh. FY 2024 net generation goal = 640.8 GWh. FY forecast net generation = 315.9 GWh. The FY actual net generation = 337.2 GWh at 6.7% above the forecast. Plant 1, Unit 2 casing work has been completed. Plant 1 Unit 2 included vibration testing which was going well, but then tripped. The vibration reached 10 Mills on Steam Turbine bearings 1 and 2. RTS and

NCPA have developed an action plan. The current high-level schedule is August 4 – September 11, without additional discovery work. J seals are also in need of maintenance on the Plant 1 Unit 2 rotor.

▪ **Key Projects Updates**

- Plant 1 – Unit 1 Cooling Tower Fill – Started in July – Progress is 25%
- Plant 2 – Underground Storage Tank – FY 2025
- FM Insurance Annual visit completed in July
- WAPA 230KV and 21KV Line inspections (Lakeville and Fulton) Scheduled in Aug.
- BLM GEO Steam Lease Renewal – In progress – Bring to Sept. Facilities & Commission

CTs – CT1 had 2 Ghost starts and 38 actual of 8 forecasted. FYTD total is 40 starts. CT2 had 13 starts of 13 forecasted. FYTD total is 13 starts.

▪ **Outages**

- **CT1 Lodi** – Exceptional dispatch on 7/1/24, unit forced out from 1941 thru 2011. During CT run up, the gas turbine flamed out due to a fault on fuel gas control valve. Dispatched a tech to site, tech inspected and tested SRV gas valve. Unit was restarted with no issues. OMS 16091108.
- Exceptional dispatch on 7/6/24, unit forced out from 1900 thru 2056. During start up, CT encountered a fuel gas compressor trip. Dispatched a tech to site and found a cylinder lubricator issue, conducted repairs and unit was returned back to operations. Unfortunately, CAISO did not want the unit back online. OMS 161220007.
- Exceptional dispatch on 7/11/24, unit forced out from 1703 thru 1911. Alarm came in on excitation cabinet high temp, an operator was dispatch to site, on his way there the unit tripped. He found the HVAC was not turning on, ACCO was called out and unfortunately the AC needs to be replaced. Operators added fans in compartment and opened cabinet doors for cooling. OMS 16156808.
- DA market award 7/20/24, unit forced out from 1900 thru 2100. Excitation system failed to synchronize. We investigated but noticed unit was slow to synchronize. Reached out to OEM and recommended to increase the synchronizer’s voltage pulse signal time to the AVR from 20ms to 50ms to increase the system response time. OMS 16217000.
- **CT1 Alameda U1/U2** – Available
- **CT2 STIG** – Forced outage on 7/22/24 from 1850 thru 1940, GT tripped offline due to gas compressor C motor high temp element (found lose connection). Went for a restart and GT LP 8th stage bleed drain valve kept malfunctioning. Unit forced outage started from 7/22 @ 2015 thru 7/23 @ 0842, positioner feedback bolting was lose. OMS 16229378 & 16229557.
- On 7/25/24 @ 1622 thru 7/26/24 @ 1926, unit tripped due to HPT high vibrations at 15MW’s. Checked accelerometer, accelerometer cable, checked scavenge oil return screens and found C sump had metal babbitt. The metal babbitt is coming from the HPT bearing in the turbine section. OMS # 16251825.

▪ **CT1 Lodi Run Hours**

- YTD hours 76.66 of 200 Allowed (based on calendar year)

▪ **CT1 Alameda Diesel Hours**

- U1= 5.91 hrs. of 42 (during any consecutive 12-month period)
- U2= 3.32 hrs. of 42 (during any consecutive 12-month period)

▪ **Safety**

- A few employees tested positive for Covid. They are back to work and wearing masks until August 12 as part of our protocol.

- **Environmental**
 - No issues to report

Staff reviewed the CAISO Commitment Runs for July 2024.

16. Planning and Operations Update

- **Resource Integrations**
 - Lodi Strategic Reserve Resource – Pending COD
 - Sagebrush BESS – Aug 2024
 - Scarlett II – Nov 2024
 - Other PV / BESS integrations
- **Summer Readiness Activities**
- **Resource Development**
 - ZWEDC – negotiations complete
 - Grace Solar Project – negotiations complete
 - NCPA Renewable RFP – Under Review
- **Ongoing daily operational activities**

17. Next Meeting – The next regular Facilities Committee meeting is scheduled for September 4, 2024.

ADJOURNMENT

The meeting was adjourned at 12:02 pm by the Committee Chair.

**Northern California Power Agency
 August 7, 2024 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>
ALAMEDA	
BART	
BIGGS	
GRIDLEY	
HEALDSBURG	
LODI	<i>Giapo Chong</i>
LOMPOC	
PALO ALTO	
PLUMAS-SIERRA REC	
PORT OF OAKLAND	
REDDING	
ROSEVILLE	
SANTA CLARA	
SHASTA LAKE	
TID	
UKIAH	

