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# Minutes

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**To:** NCPA Facilities Committee

**From:** Cheryl Bolt

**Subject:** February 5, 2025 Facilities Committee Meeting Minutes

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- 1. Call Meeting to Order & Roll Call** – The meeting was called to order by Committee Chair Nick Rossow (Redding) at 9:07 am. Attending via teleconference and on-line presentation were Alan Harbottle, Midson Hay, and Ben Rings (Alameda), Cliff Wagner (Biggs), Ross Pippitt (Gridley), Melissa Price (Lodi), Brad Wilkie (Lompoc), Vicente Rios and Jim Stack (Palo Alto), Nathan Tang and Liem Nguyen (Port of Oakland), Nick Rossow and Joseph Sloan (Redding), Monica Nguyen and Paulo Apolinario (Santa Clara), Pete Lorenz (TID non-voting Member), and Cindy Sauers (Ukiah). Those attending in person are listed on the attached Attendee Sign-in Sheet. At the time of roll call, Committee Representatives from BART, Healdsburg, Plumas-Sierra, Shasta Lake, and TID, were absent. A quorum of the Committee was established at the time of roll.

## **PUBLIC FORUM**

No public comment.

## **OPEN SESSION**

## **DISCUSSION / ACTION ITEMS**

- 2. Approval of Minutes from the January 8, 2025 Facilities Committee meeting.**

**Motion:** A motion was made by Brad Wilkie and seconded by Brian Schinstock recommending approval of the minutes from the January 8, 2025 Facilities Committee meeting. The motion carried by a majority of those Committee Members present on a roll call vote as follows: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Port of Oakland, Redding, Roseville, Santa Clara and Ukiah. The motion passed.

- 3. All NCPA Facilities, Members, SCPPA – Evoqua Water Technologies, LLC Second Amendment to Multi-Task General Services Agreement** – The Plant Manager presented background on this current NCPA vendor and is requesting a recommendation from the Facilities Committee for Commission approval of a Second Amendment to the Five-Year MTGSA with Evoqua Water Technologies, LLC for condensate polisher resin regeneration, DI mixed bed vessel rental and regeneration, RO & UF membrane cleaning, and other water treatment support services, and amending Section 2.5 Timing of Submittal of Final Invoice from 30 days to 60 days, with no change to the original not exceed amount of \$1,000,000 or the original contract term, for

continued use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPPA or by SCPPA Members. NCPA does not have any similar agreements in place at this time. The Committee had no further questions on this item.

**FISCAL IMPACT:**

Upon execution, the total cost of the agreement will remain unchanged at not-to-exceed \$1,000,000 over the remainder of the contract term. Purchase orders referencing the terms and conditions of the agreement will be issued following NCPA procurement policies and procedures

**Motion:** A motion was made by Melissa Price and seconded by Cliff Wagner seeking a recommendation for Commission approval of Second Amendment to the Five-Year MTGSA between NCPA and Evoqua Water Technologies, LLC. The motion carried by a majority of those Committee Members present on a roll call vote as follows: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Port of Oakland, Redding, Roseville, Santa Clara and Ukiah. The motion passed.

4. **All NCPA Facilities, Members, SCPPA – American Equipment Systems, LLC dba Allied Crane First Amendment to the Multi-Task General Services Agreement** – The Plant Manager presented background information on this current NCPA vendor, which has primarily been utilized by the Geothermal facility. Staff is seeking a recommendation from the Facilities Committee for Commission approval of a First Amendment to the Five-Year MTGSA with American Equipment Systems, LLC dba Allied Crane for crane inspections and maintenance services, increasing the not to exceed amount from \$225,000 to \$750,000, for continued use at all facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, or by SCPPA Members. NCPA has similar agreement in place with GP Crane & Hoist Services, Maxim Crane Works, GM Crane Services, Inc., and Konecranes, Inc. The Committee had no further questions on this item.

**FISCAL IMPACT:**

Upon execution, the total not to exceed the amount of the agreement will increase from \$225,000 to \$750,000 over the remainder of the contract term. Purchase orders referencing the terms and conditions of the agreement will be issued following NCPA procurement policies and procedures.

**Motion:** A motion was made by Monica Nguyen and seconded by Alan Harbottle seeking a recommendation for Commission approval of a First Amendment to the Five-Year MTGSA with Allied Crane. The motion carried by a majority of those Committee Members present on a roll call vote as follows: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Port of Oakland, Redding, Roseville, Santa Clara and Ukiah. The motion passed.

5. **All NCPA Facilities, Members, SCPPA – KenMar Instrumentation Services, LLC First Amendment to the Multi-Task General Services Agreement** – The Plant Manager presented information on this current NCPA vendor and is requesting a recommendation from the Facilities Committee for Commission approval to enter into a First Amendment to the Five-Year Multi-Task General Services Agreement between NCPA and KenMar Instrumentation Services, LLC for predictive maintenance testing service and vibration monitoring system support 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, with no change to the contract term, for continued use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, or by SCPPA Members. NCPA has a similar agreement in place with RTS Reliability Testing Services, LLC. The Committee had no further questions on this item.

**FISCAL IMPACT:**

Upon execution, the total not to exceed amount of the agreement will increase from \$225,000 to \$750,000 over the remainder of the contract term. Purchase orders referencing the terms and conditions of the agreement will be issued following NCPA procurement policies and procedures.

**Motion:** A motion was made by Brad Wilkie and seconded by Monica Nguyen recommending Commission approval of a First Amendment to the Five-Year MTGSA with KenMar Instrumentation Services, LLC. The motion carried by a majority of those Committee Members present on a roll call vote as follows: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Port of Oakland, Redding, Roseville, Santa Clara and Ukiah. The motion passed.

**6. All NCPA Facilities – American Safety Services, Inc. Multi-Task General Services**

**Agreement –** The Plant Manager presented information on this new NCPA vendor and advised that they would like to add American Safety Services, Inc. to NCPA's vendor pool for similar services. Staff is seeking a recommendation from the Facilities Committee for Commission approval of the Five-Year MTGSA with American Safety Services, Inc. for rescue response 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, or by SCPPA Members. NCPA has similar agreements in place with Northern Industrial Construction and Rescue Solutions LLC. The Committee had no further questions on this item.

**FISCAL IMPACT:**

Upon execution, the total cost of the agreement is not to exceed \$1,000,000 over five years. Purchase orders referencing the terms and conditions of the agreement will be issued following NCPA procurement policies and procedures.

**Motion:** A motion was made by Monica Nguyen and seconded by Brian Schinstock recommending Commission approval of the Five-Year MTGSA with American Safety Services, Inc. The motion carried by a majority of those Committee Members present on a roll call vote as follows: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Port of Oakland, Redding, Roseville, Santa Clara and Ukiah. The motion passed.

**7. All NCPA Facilities, Members, SCPPA – T.A. Krause, Inc. dba T.A. Krause Construction and Custom Painting First Amendment to the Multi-Task General Services Agreement –**

The Plant Manager provided background information on the this existing NCPA vendor and is seeking a recommendation from the Facilities Committee for Commission approval of the First Amendment to the MTGSA with T.A. Krause, Inc. dba T.A. Krause Construction and Custom Painting for various roofing, coating, and siding maintenance related services, with any non-substantial changes as recommended and approved by the NCPA General Counsel, increasing the not to exceed amount from \$225,000 to \$1,000,000 and amending Exhibit B – Compensation and Hourly Rates, with no change to the contract term, for continued use at all facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, or by SCPPA Members. NCPA has similar agreements with Farwest Insulation & Contracting, Blackhawk Painting (pending) and Toledo Industrial Coatings (pending). The Committee had no further questions on this item.

**FISCAL IMPACT:**

Upon execution, the total cost of the agreement is not to exceed \$1,000,000 over the existing five-year term, through August 21, 2028. Purchase orders referencing the terms and conditions of the Agreement will be issued following NCPA procurement policies and procedures.

**Motion:** A motion was made by Melissa Price and seconded by Monica Nguyen recommending Commission approval of a First Amendment to the Five-Year MTGSA with T.A. Krause, Inc. dba T.A. Krause Construction and Custom Painting. The motion carried by a majority of those Committee Members present on a roll call vote as follows: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Port of Oakland, Redding, Roseville, Santa Clara and Ukiah. The motion passed.

8. **All NCPA Facilities, Members, SPCPA – First Amendment to RFI Enterprises, Inc. dba RFI Communications & Security Systems Multi-Task General Services Agreement Accepting Assignment to Pavion Corp.** – NCPA Facilities Manager presented background information on this current NCPA vendor and is seeking a recommendation from the Facilities Committee for Commission approval of a First Amendment to the Five-Year MTGSA with RFI Enterprises, Inc. dba RFI Communications & Security Systems for integrated security services, accepting the company name change to Pavion Corp. The not-to-exceed amount of \$500,000 will remain unchanged. All purchase orders issued pursuant to the agreement will be charged against approved annual operating budgets. The Committee had no further questions on this item.

**FISCAL IMPACT:**

The five-year term and not-to-exceed amount of \$500,000 will remain unchanged. All purchase orders issued pursuant to the agreement will be issued following NCPA procurement policies and procedures.

**Motion:** A motion was made by Brian Schinstock and seconded by Brad Wilkie recommending Commission approval of a First Amendment to the Five-Year MTGSA with RFI Enterprises, Inc. dba RFI Communications & Security Systems for integrated security services, accepting the company name change to Pavion Corp. The motion carried by a majority of those Committee Members present on a roll call vote as follows: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Port of Oakland, Redding, Roseville, Santa Clara and Ukiah. The motion passed.

9. **NCPA Casualty Insurance Renewals** – NCPA HQ staff presented background information on market trends for 2025 and reported that rate increases continue to trend up. While Auto insurance continues to see chronic loss trends, excess liability is seeing increases by 10-30%, especially for accounts that have wildfire exposure. All liability lines are seeing a 15-32% increases, with Workers Compensation being the outlier; expecting a 10-13% increase in premiums. NCPA recently engaged with Aegis, who provides NCPA's wildfire coverage, and provided the underwriters with a comprehensive overview of the safety culture at NCPA's facilities, current projects to mitigate fire dangers, such as vegetation management and an open invitation to tour the power plants. Staff is seeking a recommendation from the Facilities Committee for Commission approval to renew the Agency's excess liability, worker's compensation, and automobile insurance programs for March 2025 to March 2026.

**FISCAL IMPACT:**

The total cost to renew the Liability Insurance program is estimated not-to-exceed \$2,730,000 (\$2,500,000 NCPA and \$230,000 LEC). This amount is already included in the Risk Management budget; no budget augmentation is required.

**Motion:** A motion was made by Monica Nguyen and seconded by Brad Wilkie seeking a recommendation for Commission approval to renew the Agency's Excess Liability, Worker's Compensation, and Automobile insurance programs for March 2025 to March 2026. The motion carried by a majority of those Committee Members present on a roll call vote as follows: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Port of Oakland, Redding, Roseville, Santa Clara and Ukiah. The motion passed.

**10. Nexant Cost Allocation Model Billing Determinants for FY 2026** - Staff presented an overview of the final Nexant cost determinants for FY 2026 budget. The Nexant Model is the Commission-approved methodology used to allocate costs to Members for services provided. This is approximately \$19M of NCPA budget costs related to:

- \$16.5M - Power Management which includes, among other things, forecasting, resource planning, pre-scheduling, scheduling coordination, pooling administration, and dispatch activities
- \$1.2M - Settlements deal control management and iso data validation
- \$230k - Risk Management
- \$700k - Information Systems

Notable CY 2024 versus CY 2023 operating results shows that Eight (8) of the 11 Members experienced load growth in FY 2024. Casual factors for Nexant Model changes were updated with CY 2024 determinates determined that BART modified its train service to better align with post-pandemic commute patterns, which lowered its electrical demand by 4.2%. This reduced the amount of contracted energy required to cover its load and reduced the volume of corresponding Inter-SC Trade schedules. Lompoc was more active in the MPP (Market Purchase Program) in CY 2024 compared with the rest of the Pool with a relatively large increase in contract hour counts, while overall Pool contract activity stayed flat or declined. Palo Alto significantly reduced its purchase and sale activity in CY 2024 compared with CY 2023, as measured by 13% fewer deal counts and 36% fewer contract hour counts. Santa Clara experienced a large increase in MSSA Scheduled Energy driven by load growth. It also had a relative increase in schedules compared to the Pool, due to the Pool's relative decrease in DA Sales to the CAISO. Roseville and TID had a higher share of schedules with the return to improved scheduling availability of GEO resources. The Committee had no further on this item.

**FISCAL IMPACT:**

Staff does not propose any changes to the Nexant Model for FY 2026.

**Motion:** A motion was made by Brad Wilkie and seconded by Melissa Price Staff recommending Commission approval for the updated Nexant Cost Allocation Model for FY 2026. The motion carried by a majority of those Committee Members present on a roll call vote as follows: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Port of Oakland, Roseville, Santa Clara and Ukiah. ABSTAIN = Redding. The motion passed.

**11. All NCPA Facilities, Members, SCPPA – Thermal Engineering International (USA), Inc. Multi-Task General Services Agreement and Agreement for Equipment, Materials and Supplies** - The Plant Manager presented information on this current NCPA vendor, whose agreement with NCPA is expiring. NCPA has a good working relationship with this vendor and is seeking a recommendation from the Facilities Committee for Commission approval of the Five-Year MTGSA-EMS between NCPA and Thermal Engineering International (USA), Inc., in an amount not to exceed \$1,000,000, for use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPPA or by SCPPA Members. NCPA has similar agreements in place with HRST, Inc. and Nooter Eriksen. The committee had no further questions on this item.

**FISCAL IMPACT:**

Upon execution, the total cost of the agreement is not to exceed \$1,000,000 over five years. Purchase orders referencing the terms and conditions of the agreement will be issued following NCPA procurement policies and procedures.

**Motion:** A motion was made by Monica Nguyen and seconded by Brian Schinstock recommending Commission approval of a Five-Year MTGSA-EMS with Thermal Engineering International (USA), Inc. The motion carried by a majority of those Committee Members present on a roll call vote as follows: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Port of Oakland, Redding, Roseville, Santa Clara and Ukiah. The motion passed.

- 12. NCPA Geothermal Facility – Geo C-Site Condensate Tank Replacement Project** - The Plant Manager gave an update on the project and reported that the C-Site condensate collection tank is nearing end of life and is rusted in several places. The Plant Manager reported that failure of the tank could lead to potential environmental, health, and safety risks. The overall objective of the project necessitates removal and disposal of the existing C-site tank, fabrication and installation of a new tank, hook-up of external piping to the new tank, and painting the outside of the tank and external piping. Staff is seeking a recommendation from the Facilities Committee for Commission approval of the Geothermal C-Site Condensate Tank Replacement 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 \$300,000, to be funded from the approved FY 2025 Geothermal Budget and the Geothermal Maintenance Reserve Fund, and authorization to spend \$100,000 from the Maintenance Reserve fund for this work.

**FISCAL IMPACT:**

The total cost of this project is anticipated not to exceed \$300,000. Funding to complete the C-Site Condensate Tank Replacement Project will come from the combined use of funds from the approved FY 2025 Geothermal budget and the Geothermal Maintenance Reserve Fund. \$200,000 from the FY2025 Budget has been allocated to fund this project and \$100,000 from the Geothermal Maintenance Reserve Fund is also requested to fund this work.

***There was a discussion surrounding some of the data that was presented. It was requested to move this item to the Special Joint Facilities and Finance Committee meeting on February 12, 2025, for review and approval.***

- 13. NCPA Hydro Facility – Collierville Powerhouse (CVPH) Runner Refurbishment Project** - The Plant Manager provided historical background on the project and shared that 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 Switchyard, which originally required the relocation of Clarks Creek to an area adjacent and above the CVPH. During the 2024 Collierville Unit 1 annual outage inspection, several cracks were revealed on the runner, which now need to be treated. Additionally, after further testing, it was discovered that all high stress areas on each of the twenty-one buckets need to be treated. Staff is seeking a recommendation from the Facilities Committee for Commission approval of the Collierville Powerhouse (CVPH) Runner Refurbishment 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 \$687,470, to be funded from the approved FY25 Hydroelectric Budget. A Committee Member asked what the anticipated lead time for receiving the new runner, which was determined could take approximately 16 months.

**FISCAL IMPACT:**

The total cost for engineering, materials, and maintenance services for the Project is anticipated not to exceed \$687,470. Funds for the Project were included in the approved FY24 encumbered funds on October 24, 2024, which rolled into the FY25 Hydroelectric budget.

**Motion:** A motion was made by Brad Wilkie and seconded by Brian Schinstock recommending Commission approval of the Collierville Powerhouse (CVPH) Runner Refurbishment Project. The motion carried by a majority of those Committee Members present on a roll call vote as follows: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Roseville, Santa Clara and Ukiah. ABSTAIN = Port of Oakland and Redding. The motion passed.

## **INFORMATIONAL ITEMS**

**14. New Business Opportunities** – Power Management Staff reviewed key projects from the proposals received for the Renewable Energy Resources and Energy Storage Resources. The projects and their updates are listed below.

- **Vine Hill 1 - 4.4 MW Solar**
  - Status: Draft PPA provided to Seller for review
  - **Update:** Project delayed and proposed price increase
- **Terra-Gen Discovery - 50 MW Index + PCC 1**
  - Status: currently seeking updated proposal from Seller
  - **Update:** Seller indicated updated offer to be sent in next few weeks
- **Las Camas - 200 MW Solar + 100 MW BESS**
  - Status: Draft LOI provided to Seller for consideration
  - **Update:** On hold, refocus on Sonrisa Solar Park
- **Maestro - 150 MW Solar + 150 MW BESS**
  - Status: Executed LOI
  - **Update:** Applied "NCPA Cities" COI Points in Cluster 15. Waiting on CAISO to complete their evaluation
- **Trolley - Up to 400 MW BESS (current 320 MW subscription)**
  - Status: PPA currently subject to negotiation
  - **Update:** February 6, 2025 call scheduled with developer to discuss current draft of the PPA. Ongoing negotiations with possibility for next steps first of March
- **Wildcat - 100 MW PV (with up to 100 MW BESS option)**
  - Status: Solar Only Price: \$44.95 MWh (Regulatory risks driving up the MWh)
  - A question is out there for the developer inquiring if there is additional capacity available
  - Actively being reviewed by their legal counsel
  - **Update:** LOI has been provided to the Seller
- **Sonrisa Solar Park - 100 MW Solar + 92 MW BESS, with RA Capacity attributes**
  - Est. COD: December 31, 2026
  - POI: PG&E Tranquility 230 kV Buss
  - Price: To Be Discussed
  - **Update:** Working on a draft redline document. Goal is to get this over to the developer as soon as possible. Ad hoc meetings forthcoming with interested participants once the documents are ready
- **UAMPS seeking various SC related services**
  - SC Agent for resources and load in EIM and EDAM
  - Telemetry, testing, scheduling, market interface and 24-hour monitoring, outage scheduling, settlements, project management
  - 34 entities in PAC, 2 entities in NVE
  - 15 resources; various technologies
  - Term of service a key consideration
  - **Update:** UAMPS had a firm timeline for this project in which NCPA was not in a position to proceed. Discussion has been terminated with UAMPS

**15. NCPA Disaster Recovery Center Update** – NCPA's Facilities Manager provided the Committee with an update on the Disaster Recovery Center (DRC) project.

- **Permits**
  - Permit from Sacramento County was issued on January 16, 2025
  - DPR Construction received a Notice to Proceed from NCPA on January 21, 2025
- **Key Project Updates**
  - DPR rapidly mobilized and have prepared staging areas for material and waste collection
  - Construction fencing has been erected around the property
  - Demolition is 95% complete
  - Mold was identified but was anticipated due to the age of the building and prior poor building maintenance. Offices along the north side of the building were affected, extending the drywall repair across the lower 3' of the offices; Existing framing was retained. Planter beds were determined to be a contributing factor, and steps have been taken to mitigate. Mold abatement has been completed per the Industrial Hygiene Building Report
  - Site work is underway – Asphalt has been removed
  - Generator is scheduled to arrive mid-April 2025
- **Project Safety**
  - 0 Near misses
  - 0 First aids
  - 0 Recordables
- **Project Schedule**
  - Weekly meetings between NCPA staff, architect, and the contractor to ensure timely and on budget project delivery - Ongoing
  - Substantial completion July 3, 2025
  - Project Closeout and final completion July 18, 2025

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

**CTs** – CT1 had 0 Ghost starts and 3 actual of 0 forecasted. FYTD total is 138 starts. CT2 had 0 starts of 0 forecasted. FYTD total is 41 starts.

- **Outages**
  - CT1 Lodi**
    - A Short Notice Opportunity Outage was taken on January 6, 2025 @ 0700 thru January 6, 2025 @ 1135, to complete annual fire system testing, inspection, and certification. OMS 17180766
    - **CT1 Alameda U1/U2** – Unit was available
    - **CT2 STIG** – Unit is no longer operational
- **CT1 Lodi Run Hours**
  - YTD hours **0 of 200** Allowed (based on calendar year)
- **CT1 Alameda Diesel Hours**
  - U1= 6.61 hrs. of 42 (in any consecutive 12-month period)
  - U2= 3.88 hrs. of 42 (in any consecutive 12-month period)
- **Planned Outages**
  - **CT1 Lodi** – May 1 thru May 31, 2025
  - **Alameda U1/U2** - Planned outage kicked off on January 1, 2025 and ended on January 31, 2025
    - Technicians arrived in Alameda on January 2, 2025 and started removing equipment from service and installing lock out tag-out



- Outage was completed on time with no safety issues
- **Safety**
  - No issues to report
- **Environmental**
  - No issues to report

**Geo** – The average net generation for the month of January was 93 MW. The total net generation was 69.2 GWhrs. The FY 2025 Forecasted Net Generation = 453.3 GWh YTD. The FY 2025 Actual Net Generation = 430.9 GWhrs YTD, which is -1.0% below forecast.

A scheduled Plant #2 outage is set for March 1 thru March 31, 2025 and a scheduled Plant #1 outage is set for May 1 thru May 31, 2025.

### **Steamfield Activity – January 2025**

- Annubar Transmitter Calibrations - Check & Calibrate the Pressure, Differential Pressure, and Temperature on all wells (over 75+ wells)
  - **Status-** 75% completed, Remaining sites- J, Q, Y. Should be completed by month end
- Pipeline Pressure Survey- Revisited four sites to perform updated pressure survey (follow up from the last survey conducted April 2023)
  - **Status-** Scheduled in Feb, after the transmitter calibrations
- Well (Cement Top Jobs) Cementing the annular space to mitigate steam loss
  - **Status-** 80% completed, Remaining sites- P, Q
- Injection Skids- Refurbishment of temporary injection skids to be moved around the steamfield
  - **Status-** Replacement parts (Control valves, strainers, Flow meters) received
- Geothermex Steamfield Injection Optimization Modelling
  - **Status-** Superheat history matching has been completed, and data updated based on transmitter calibrations. Forecast scenario discussion is ongoing

### **Other Activities-**

- The College of Engineering at the Seoul National University toured the Geothermal plant. This marks the 3<sup>rd</sup> trip out to NCPA. The students were very appreciative for the opportunity and look forward to the tour

### **Key Projects**

- **Previously approved 2024/2025**
  - Plant 2 – Fire System Alarm Annunciators –Started in Oct. – Complete – 100% (CEC Review needed in Feb.)
  - SEGEP Air Compressors – Parts arriving later this month. Installation in (1<sup>st</sup> Q).
  - Plant 2 – Underground Storage Tank – FY 2025 – Eng. support PO issued, CEC review
  - Plant 1 & 2 Spring 2025 Outages – Bids and Planning underway
    - 230KV, 21KV scope for 2025 outages – Outage dates with PG&E and contractors are scheduled
- **Future Committee Approval 2025**
  - Plant 2 – MCC 480V Project – Install in 2025 – CEC is reviewing more documents
- **Other Work**
  - Plant performance testing and monitoring for GEO for all 3 Units – (1<sup>st</sup> Q) - Ongoing
    - Air in leakage surveys started this week
  - A new Drilling Program and Geothermex Modeling – Ongoing for 2025, 2026, 2027
  - The 2026 Budget Process – 1st Draft is complete. Presenting Feb. 12, 2025

**Hydro** – During the month of January, Collierville (CV) Powerhouse was at 100% availability. New Spicer Meadows (NMS) Powerhouse was at 95% availability.

- **New Spicer Meadows Reservoir Storage**
  - 9,536 af decrease (11%) month-over-month
  - 89,956 af to 80,420 af
  - 43% capacity
  - Draft at 75 cfs as we await precipitation and pricing
- **Current Events**
  - Interviews for two open Hydro Technician positions
  - Follow-up CV Runner B inspection planned in Spring
    - o No cracking found in January 28, 2025 inspection
    - o The repairs have held up effectively and remain in good condition
    - o One small defect detected on bucket 5
    - o Weld overlay did not properly bond
  - FERC Dam Safety L2RA workshop January 13 thru January 14, 2025
    - o Part 12 Report preparation underway
  - Budget preparation

**17. Planning and Operations Update** – Staff provided a verbal update on following key planning and operating activities:


- **Resource Integrations**
  - Montgomery Creek – **Complete**
  - Castanea – **Complete**
  - Malaga BESS – June 2025
  - Kola BESS – July 2025
  - Alpaugh BESS – June 2026
  - Other PV / BESS integrations
- **Resource Development**
  - ZWEDC – Integration Phase. Still waiting on ZWEDC to terminate agreement with PG&E
  - NCPA Renewable RFP – Under Review
- **Active CAISO stakeholder process**
  - IEP, RA, CRR, TPP, other

## **ADJOURNMENT**

The meeting was adjourned at 11:52 pm by the Committee Chair.

**Northern California Power Agency  
February 5, 2025 Facilities Committee Meeting  
Attendance List**

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

<b><u>MEMBER</u></b>	<b><u>NAME</u></b>
<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>	

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

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