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Minutes

To: NCPA Facilities Committee
From: Carrie Pollo
Subject: May 1, 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 9:07 am. Attending via teleconference and on-line presentation were Alan Harbottle (Alameda), Josh Cook (Biggs), Nick Rossow (Redding), Basil Wong and Bill Her (Santa Clara) and Cindy Sauers (Ukiah). 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, Gridley, Healdsburg, Lompoc, Plumas-Sierra, Port of Oakland, Shasta Lake, and TID were absent. A quorum of the Committee was not established at the time of roll call. During Item 5, Elisa Arteaga (Gridley) joined the meeting, thus establishing a quorum.

PUBLIC FORUM

No public comment.

OPEN SESSION

DISCUSSION / ACTION ITEMS

- 2. Approval of Minutes from the April 3, 2024 Facilities Committee meeting and the April 15, 2024 Facilities Committee Special meeting.**

Motion: A motion was made by Josh Cook and seconded by Shiva Swaminathan recommending approval of the minutes from the April 3, 2024 Regular Facilities Committee meeting and the April 15, 2024 Special Facilities Committee Meeting. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Redding, Roseville, Santa Clara, and Ukiah. The motion passed.

- 3. All NCPA Facilities, Members, SPPA – Mechanical Analysis Repair, Inc. dba Martech MTGSA** – Staff presented background information and was seeking a recommendation for Commission approval of a five-year Multi-Task General Services Agreement with Mechanical Analysis Repair, Inc. dba Martech for machining and motor maintenance services, with a not to exceed amount of \$1,500,000, 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 with Atlas Copco Compressors (pending), Dahl-Beck Electric, Industrial Electrical Co., Industrial Service Solutions (pending), Caltrol, Inc. and Custom Valve Solutions for similar services. A draft Commission Staff Report and agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

Motion: A motion was made by Josh Cook and seconded by Shiva Swaminathan recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task General Services Agreement with Mechanical Analysis Repair, Inc. dba Martech for machining and motor maintenance related services, with any non-substantial changes recommended and approved by the NCPA General Counsel, which shall not exceed \$1,500,000 over five years, for use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPPA and SCPPA Members. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Redding, Roseville, Santa Clara, and Ukiah. The motion passed.

- 4. All NCPA Facilities, Members, SCPPA – Environex, Inc. MTPSA –** Staff provided background information and was seeking a recommendation for Commission approval of a five-year Multi-Task Professional Services Agreement with Environex, Inc. for catalyst testing related services, with a not to exceed amount of \$1,000,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, SCPPA, and SCPPA 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 with Fossil Energy Research Corp (FerCo) and Groome Industrial Service Corp. for similar services. A draft Commission Staff Report and agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

Motion: A motion was made by Josh Cook and seconded by Shiva Swaminathan recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task Professional Services Agreement with Environex, Inc. for catalyst testing 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. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Redding, Roseville, Santa Clara, and Ukiah. The motion passed.

- 5. All NCPA Facilities, Members, SCPPA – KSB, Inc. MTGSA –** Staff presented background information and was seeking a recommendation for Commission approval of a five-year Multi-Task General Services Agreement with KSB, Inc. for pump maintenance related services, with a not to exceed amount of \$1,000,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, SCPPA, and SCPPA 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 with Allied Power Group and Sulzer Turbo Services Houston for similar services. A draft Commission Staff Report and agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

Motion: A motion was made by Josh Cook and seconded by Elisa Arteaga recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task General Services Agreement with KSB, Inc. for pump 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 SPCPA and SPCPA Members. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Redding, Roseville, Santa Clara, and Ukiah. The motion passed.

- During the presentation of Item 5 Elisa Arteaga (Gridley) joined the meeting, thus establishing a quorum. After the vote of Item 5, it was decided by the Committee to vote on the previous items presented.

6. All NCPA Facilities, Members, SPCPA – Kobelco Compressors America, Inc. MTEMS –

Staff provided background information and was seeking a recommendation for Commission approval of a five-year Multi-Task Agreement for Purchase of Equipment, Materials and Supplies with Kobelco Compressors America, Inc. for fuel gas compressor related materials, with a not to exceed amount of \$750,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, SPCPA, and SPCPA Members.

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. NCPA does not have other agreements in place for similar services at this time, Kobelco is the OEM for the Lodi Energy Center fuel gas compressors. This agreement is for materials only. A draft Commission Staff Report and agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

Motion: A motion was made by Cindy Sauers and seconded by Jiayo Chiang recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task Agreement for Purchase of Equipment, Materials and Supplies with Kobelco Compressors America, Inc. for fuel gas compressor material purchases, with any non-substantial changes recommended and approved by the NCPA General Counsel, which shall not exceed \$750,000 over five years, for use at any facilities owned and/or operated by NCPA. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Redding, Roseville, Santa Clara, and Ukiah. The motion passed.

7. All NCPA Facilities, Members, SPCPA – Kimberly Fields dba K. Weatherman Logging MTGSA –

Staff presented background information and was seeking a recommendation for Commission approval of a five-year Multi-Task General Services Agreement with Kimberly Fields dba K. Weatherman Logging for vegetation management related services, with a not to exceed amount of \$1,000,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, SPCPA, and SPCPA Members.

This is a current NCPA vendor whose agreement has expired. 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 Cornerstone Land Services LLC, High Sierra Timber Management, LLC and Nate's Tree Service. A draft Commission Staff Report and agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

Motion: A motion was made by Jiayo Chiang and seconded by Cindy Sauers recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task General Services Agreement with Kimberly Fields dba K. Weatherman Logging for vegetation management 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. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Redding, Roseville, Santa Clara, and Ukiah. The motion passed.

8. **All NCPA Facilities, Members, SCPPA – Cool the Earth First Amendment to MTCSA –** Staff provided background information and was seeking a recommendation for Commission approval of a First Amendment to the Multi-Task Consulting Services Agreement with Cool the Earth 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, SCPPA, and SCPPA Members.

NCPA entered into a three-year MTCSA with Cool the Earth effective August 24, 2021, for an amount not to exceed \$750,000. This agreement has been used by multiple NCPA Members through NCPA's Support Services program, and 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 August 23, 2024, to a new date of August 23, 2026. This enabling agreement does not commit NCPA to any expenditure of funds. NCPA will issue purchase orders based on cost and availability of the services needed at the time the service is required. NCPA has agreements in place for similar services with Plug-In America and Acterra: Action for a Healthy Planet. A draft Commission Staff Report, original agreement, and first amendment were available for review. It is recommended to place this item on the Commission Consent Calendar.

Motion: A motion was made by Alan Harbottle and seconded by Brian Schinstock recommending Commission approval authorizing the General Manager or his designee to enter into a First Amendment to the Multi-Task Consulting Services Agreement (MTCSA) with Cool the Earth 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. A vote was taken by roll call: YES = Alameda, Gridley, Lodi, Palo Alto, Redding, Roseville, Santa Clara, and Ukiah. ABSTAIN = Biggs. The motion passed.

9. **Second Amendment to Resolution 24-02 Authorizing the Use of \$6,100,000 of Insurance Claim Proceeds and Reducing the Transfer of Geo Decommissioning Collections from \$7,200,000 to \$1,100,000 for Plant 1, Unit 2 Turbine Overhaul Project–** Staff presented background information and was seeking a recommendation for Commission approval to amend Resolution 24-02 by authorizing the use of \$6,100,000 of Geo insurance claim proceeds and

reducing the transfer of Geo Decommissioning collections from \$7,200,000 to \$1,100,000 for Plant 1, Unit 2 Turbine Overhaul Project.

During the March 2023 planned outage, it was discovered that Plant 1, Unit 1 had a similar strainer basket damage that was experienced with Plant 2, Unit 4. On March 7, 2023, claim # 818701 was filed with FM Global to review the property loss associated with Plant 1, Unit 1 including business interruption losses. Over the last year, staff have worked closely with the FM Global adjusters inspecting the unit, monitoring the progress of repairs, and analyzing the repair invoices. In addition, NCPA staff provided FM Global with the details of the lost generation revenue including RECs and RA. After a thorough review, FM Global and NCPA agreed on a total claim recovery of \$6,169,682 broken down as follows:

Date	Claim No.	NCPA Asset	Description of Loss	Total Loss	Deductible	Recovery
3/7/2023	818701	Geo	Physical damage to strainer of unit 1	\$1,541,182.68	\$1,000,000	\$541,182
3/7/2023	818701	Geo	Business Interruption	\$10,802,221	\$5,173,721	\$5,628,500

At the January 5, 2024, Special Commission meeting, Resolution 24-02 was approved authorizing various actions related to the Geothermal (Geo) Plant 1, Unit 2 Turbine Overhaul Project but more specifically, the transfer of \$7,200,000 previously collected funds from the Geo Decommissioning Reserve, as needed, to pay for repairs associated with the Geo Plant 1, Unit 2 Turbine Overhaul Project. It was noted in the discussion that NCPA had a property insurance claim related to Plant 1, Unit 1 pending with property insurer FM Global, but the final settlement and timing of expected proceeds were unknown. Staff indicated they would return with a recommendation once that information was made available. The \$1,000,000 will be collected over the next three years reducing the Geo Decommissioning Reserves. No replenishment of funds is planned at this time.

Motion: A motion was made by Shiva Swaminathan and seconded by Cindy Sauers recommending Commission approval of the Second Amendment to Resolution 24-02 authorizing the use of \$6,100,000 Geo insurance claim proceeds and reducing the transfer of Geo Decommissioning Reserve funds from \$7,200,000 to \$1,100,000 for Plant 1, Unit 2 Turbine Overhaul Project. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Palo Alto, Roseville, Santa Clara, and Ukiah. ABSTAIN = Redding. The motion passed.

10. NCPA Geothermal Facility – Geothermal Plant 2, Unit 4 Cooling Tower Improvement

Project – Staff provided background information and was seeking a recommendation for Commission approval of the Geothermal Plant 2, Unit 4 Cooling Tower Improvement 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 \$800,000, to be funded from the FY24 Geothermal Facility budget.

The Geothermal Plant 2, Unit 4 cooling tower system is equipped with a six-cell mechanical draft cooling tower. The cooling tower is designed according to the counter-flow principle and incorporates a plastic heat transfer surface to assure maximum availability for operation at any time of the year. The tower consists of six major sections (1) Basic Support Structure; (2) Basin; (3) Fill; (4) The Distribution System; (5) The Drift Eliminator Section; and (6) the Fan Assembly and Drive Train for each cell.

The Unit 4 cooling tower is inspected annually to assess the condition of each major section as identified above. A final report is then prepared which identifies work items that need immediate attention, as well as those that can be deferred as part of a long-term maintenance strategy. In

May 2023, NCPA hired Tex Tenn Design & Consulting to perform the annual inspection on the Plant 2, Unit 4 cooling tower. The vendor identified structural issues with both stair towers (wood) and cracking/delamination of the fan blades (fiberglass). To ensure the safety of personnel on-site, the tower stairs were immediately taken out of service and a scaffolding system was installed to provide temporary access. The delaminated fan blades were patched as a temporary measure until the blades could be replaced.

NCPA is now seeking approval for the Geothermal Plant 2, Unit 4 Cooling Tower Improvement Project to address the issues identified in the last annual inspection report. The scope of this project includes replacement of the wood stair towers with a new fiberglass structure, replacement of the fan blades for each cell, and miscellaneous work which may be identified during the project.

Motion: A motion was made by Josh Cook and seconded by Brian Schinstock recommending Commission approval authorizing the Geothermal Plant 2, Unit 4 Cooling Tower Improvement 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 \$800,000, to be funded from the FY24 Geothermal Facility budget.. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Roseville, Santa Clara, and Ukiah. ABSTAIN = Redding and Palo Alto The motion passed.

- 11. NCPA Geothermal Facility – SEGEP Surge Tank Refurbishment Project** – Staff presented background information and was seeking a recommendation for Commission approval of the Geothermal SEGEP Surge Tank 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 exceed \$1,200,000, and delegating authority to the General Manager to authorize 50% of the funding to come from the Geothermal Facility FY 2024 budget with the remaining 50% of the funding to be billed to and collected from Calpine Corporation.

The Southeast Geysers Effluent Pipeline (SEGEP) brings treated wastewater up to the Geysers where it is injected into the geothermal reservoir to provide added steam reserves and reservoir pressure support. The water is shared between NCPA and Calpine. The operational and maintenance costs of the SEGEP system are also shared between NCPA and Calpine, with these costs being evenly split (50%) between the two entities.

The SEGEP pipeline has three pump stations, Bear Canyon #1, #2, and #3, that boost the pipeline water pressure and brings water up approximately 3,000 feet in elevation to be used in the steam field. Each pump station is equipped with inlet and outlet surge tanks. The tanks are normally half filled with water and then capped with air. Their purpose is to provide protection against water hammer of the pipeline during sudden surges in pressure. The air compressors that feed the surge tanks at each pump station are over twenty-five years old and have reached end of life, and are also undersized for current operations. New air compressors are required to maintain the safe operation of the SEGEP pipeline. NCPA hired HDR Engineering, Inc. to examine the surge protection system and to provide a detailed engineering package for refurbishment of the system. HDR Engineering, Inc. estimated the total combined cost of this project to be approximately \$1,200,000.

As detailed in the Amended and Restated Steam Suppliers Joint Operating Agreement Southeast Geysers Pipeline Project between NCPA and Calpine Corporation, dated September 18, 2003, NCPA is the operator of the pipeline and is responsible for initial payment of all project

costs, and Calpine is charged for their share of the work through monthly billing cycles. This cost sharing arrangement is detailed in Section 4 – Ownership Interests and Section 6 – Allocation and Payment of Costs in the above-mentioned agreement.

Motion: A motion was made by Brian Schinstock and seconded by Josh Cook recommending Commission approval authorizing the SEGEF Surge Tank 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 exceed amount of \$1,200,000, and delegating authority to the General Manager to authorize 50% of the funding to come from the Geothermal Facility FY 2024 budget with the remaining 50% of the funding to be billed to and collected from Calpine Corporation. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Roseville, Santa Clara, and Ukiah. ABSTAIN = Palo Alto and Redding. The motion passed.

- 12. Grace Orchard Energy Center Renewable PPA and Third Phase Agreement – Staff** presented background information and was seeking a recommendation for Commission approval of (i) the Grace Orchard Energy Center, LLC Renewable Power Purchase Agreement, and (ii) the Third Phase Agreement for Renewable Power Purchase Agreement with Grace Orchard Energy Center, LLC.

Staff is still working on a few more items including updated CEQA language in the document so that CEQA requirements are met before buying output from this project. The buyer (NCPA) also needs to post collateral which is still being discussed and the Project Tax Credit (PTC) is still under negotiations. Members are not comfortable with a limited cap on the MWh price. Staff will continue to negotiate through these issues and bring this item back for final approval and a recommendation for Commission approval at a later date.

INFORMATIONAL ITEMS

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

Yuba City Strategic Reserve (SC Services) – CDWR has inquired about NCPA supplying Scheduling Coordinator (SC) services for the Yuba City Strategic Reserve Project. This project consists of two 30 MW Combustion Turbines. This project is energy only and to be dispatched during emergency operations per CAISO 4420. CDWR is the owner with Calpine being the operator. The project is currently in operations and seeking prompt services. The estimated cost is under discussions. Staff is currently in negotiations for this project. This project will be run similar to the Lodi Strategic Reserve, with a similar price.

NCPA RFP for Renewable Energy Resources – Staff issued an RFP for Renewable Energy and Renewable Storage Resources on February 15, 2024. Responses to the RFP were due April 12, 2024. NCPA staff have received a number of questions regarding the RFP. Next steps include posting this information on NCPA Connect. A summary review meeting is scheduled for May 7, 2024. Based on Member feedback, NCPA will perform further project evaluations. Then respondents will be notified.

Grace Solar Update – Staff is currently engaged in active negotiations with NextEra. A draft PPA is being considered by both parties. Member interest includes Biggs, Gridley, Healdsburg, Lodi, Lompoc, Port of Oakland, Plumas-Sierra, Shasta Lake, Ukiah, and Santa Clara.

- 14. NCPA Disaster Recovery Center Update –** Staff provided an update on the status of activities regarding tenant improvements and buildout of the new property including decommissioning of the leased site.

NCPA has received the revised design development costs and 95% of the construction drawings for review. NCPA made comments and revisions on the construction drawings, including the security system, data, interior south vestibule EVCS, and sever room HVAC sizing. Staff has requested an evaluation of the HVAC heat load from Capitol Engineering (ME) as staff anticipated 6-8 tons of refrigeration.

On April 24, 2024 staff met with ME to review the heat load requirements, server configuration, and long-term planning for the server / UPS room. Based on the server room configuration and long-term planning, ME recommended three 5-ton Heat Pumps (HP). Staff suggested ME consider two 5-ton HP and two 3-ton mini-split units for redundancy and supplemental cooling. The approach to using mini-splits provides NCPA with redundancy in the event of equipment failure and supplemental cooling during high-heat events. This approach would minimize the rooftop structural load, rooftop penetrations, and re-routing ductwork.

Upcoming Milestones

- Finalize server room mechanical requirements – Capital Engineering and Lionakis
- Structural Analysis review to support additional heat pumps – Lionakis
- Provide final plans for review – Lionakis
- Technical manual – Lionakis
- Submit for plan check – Lionakis
- Submit for Public Works RFP – NCPA

SVP approached NCPA with a request to occupy available space at the current and future DRC location. Staff has developed a draft Shared Use and Occupancy Agreement.

- DRC's primary function is to serve as a backup site for mission-critical, 24x7 scheduling and dispatch operations
- Structured to allow Signatory Members the ability to access available "office space"
- Shield non-participating Members from liability, etc.
- Occupancy charge that reflects the incremental cost (janitorial, utilities, etc.) of a Member's assigned personnel use of the facility

NCPA requests feedback, comments, edits, etc. over the next month for review at the next meeting.

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

Geo – The average net generation for the month of April was 73 MW. The total net generation was 52.5 GWh. FY 2024 net generation goal = 743.8 GWh. FY forecast net generation was 617.4 GWh. The FY actual net generation was 425.3 GWh at 31.1% below the forecast due to the recent unit outages at Geo. Unit 1 was back online March 30, 2024.

▪ Safety

Incident/First Aid Reported – An RTS welder cut his left index finger with a retractable box cutter while cutting a zip tie at the end of the shift while attaching welding screens. The employee was wearing leather gloves. He returned to work the next day without any restrictions. Safety discussions were conducted by RTS and the NCPA Geo Team. The Geo detailed asses report for FT 2024 was reviewed with the Committee.

▪ **Unit 1 – Unit 1 Update**

Balancing was performed on the # 5 exciter bearing. Eight ounces of weight was added. At 35 MW the vibration dropped from 4.5 mils to 3.5 mils.

▪ **Plant 1 – Unit 2 Update**

- Lube Oil Cooler Assembly
- Generator Stator Bore
- Right Side Hydrogen Cooler Removal
- Generator Retaining Ring Painted T/E

▪ **Establishing the Geo Team**

- Reservoir Engineer – Candidate accepted – Start Date is June 10
- Plant Engineer – Interviews scheduled for May 14
- Operation Technicians – 1 Lead retired, 1 resigned – Positions will be posted as needed

Hydro – During the month of April, Collierville (CV) Power House was at 100% availability with heavy generation volumes. New Spicer Meadows (NMS) Power House was at 81% availability due to PG&E TIGO with light generation volumes. The monthly generation profiles for CV and NMS were shared with the Committee. The snow water content is currently at 90% of normal for this time of year. Precipitation is at 31.3 inches. February and March were great hydro months. April was just below normal. Hydrology is now tracking slightly below seasonal normal range for snow and rain this year, after a slow start to the water year. There is currently 2 feet of snow at New Spicer Meadows Power House. During the April 5, 2024 storm, trees fell and blocked access to CV, phones went down to CV, the 17kV line to McKays went down, put on back up generator, and Utica WL also went down.

Upper Reservoir Positions

- Alpine/Union/Utica/Spicer: 77%/100%/100%/67%

New Spicer Meadows Reservoir Storage

- 37,706, acre feet decrease (42%) month-over-month
- 88,437-acre feet to 126,143-acre feet
- Optimizing stored water – Spicer drafts at minimums

Current Events

- Working to complete FY '24 projects
- Initiating work on projects approved in the FY '25
- Lake Alpine Handrail Project contractor to mobilize May 13th
 - FM Global has confirmed Alpine Handrail claim is coverable
- Filed 401 WQC and FERC application for CV Tailrace Repair Project
- McKays Point Sediment Removal Project
 - Held on-site discussion with interested local private landowner 4/30
 - Held meeting on 4/2 with new owner of Carsen Hill Mine as an alternative site
- Working to complete FY '24 projects
 - Initiating work on projects approved in the FY '25
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- FM Global has confirmed Alpine Handrail claim is coverable
- Filed 401 WQC and FERC application for CV Tailrace Repair Project
- McKays Point Sediment Removal Project
- Held on-site discussion with interested local private landowner 4/30
- Held meeting on 4/2 with new owner of Carsen Hill Mine as an alternative site

CTs – CT1 had 1 start of 8 forecasted. FYTD total is 63 starts. CT2 had 0 starts of 0 forecasted. FYTD total is 27 starts.

- **Outages**
 - **CT1 Lodi** – Available
 - **CT1 Alameda U1/U2** – Available. On 4/4/24 @ 0533 thru 1138, Alameda U2 was forced out due to an RTD input card error. Rebooted card to re-establish comm's. This card is part of the upcoming controls upgrade.
 - **CT2 STIG** – Annual Planned Outage
- **CT1 Lodi Run Hours**
 - YTD hours 8.68 of 200 Allowed (based on calendar year)
- **CT1 Alameda Diesel Hours**
 - U1= 3.57 hrs. of 42 (during any consecutive 12-month period)
 - U2= 1.85 hrs. of 42 (during any consecutive 12-month period)
- **Safety**
 - **Near Miss** – We have experienced a near miss associated with the LEC Sulfuric Acid system. An operator found the acid feed piping to the cooling tower basin had Chicago fittings installed for a vent cap. In the photo below, you can see the original cap that was removed from the vent and sitting on the containment wall. The original cap was removed, and a Chicago fitting installed to attach a hose for flushing the acid line for repair work. Once the work was completed, a Chicago cap was installed instead of reinstalling the original cap.
 - **Issues with this Decision**
 - The Chicago fittings are made of material that is incompatible with sulfuric acid. This can lead to corrosion and leaks.
 - The Chicago fittings are made of dissimilar metal as the process piping. This can lead to corrosion and leaks.
 - A high hazard system was modified without proper MOC procedures. (Management of Change).
 - **Resolution** – If a technician must temporarily modify any system this type of evolution must be captured, to prevent these modifications from being forgotten. CT group will use information tags or include them as LOTOT points. If an information tag is used, zip-tie it to the LOTOT box with a description and instructions for restoration.
- **Environmental**
 - No issues to report
- **2024 Planned Outages – CT1 Alameda U1 & U2- 5/1/24 thru 5/31/24** – Controls Upgrade, BOP Maintenance & Borescope Inspections

Staff reviewed the CAISO Commitment Runs for March 2024.

16. Planning and Operations Update

- **Resource Integrations**
 - Lodi Strategic Reserve Resource – Testing in progress
 - Scarlet Solar / BESS – May 2024
 - Proxima Solar / BESS – May 2024
 - Other BESS integrations
- **SCPA SC Transition Activities – June 1, 2024**
- **Resource Development**

- ZWEDC – negotiations complete
 - Grace Solar Project – active negotiation
 - NCPA has issued the refreshed Renewable RFP – Responses are under review
- **Ongoing daily operational activities**

The forward price curve, distribution of DLAP prices, gas storage in the Pacific Region, and reservoir levels were reviewed and discussed.

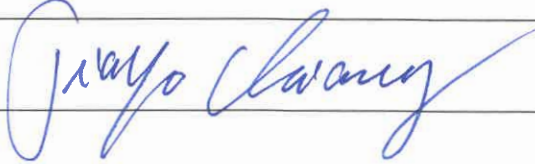

17. Next Meeting – The next regular Facilities Committee meeting is scheduled for June 5, 2024.

ADJOURNMENT

The meeting was adjourned at 12:08 pm by the Committee Chair.

**Northern California Power Agency
May 1, 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	
LOMPOC	
PALO ALTO	
PLUMAS-SIERRA REC	
PORT OF OAKLAND	
REDDING	
ROSEVILLE	
SANTA CLARA	
SHASTA LAKE	
TID	
UKIAH	