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# Minutes

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**Date:** July 12, 2023  
**To:** NCPA Facilities Committee  
**From:** Carrie Pollo  
**Subject:** July 5, 2023 Facilities Committee Meeting Minutes

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- 1. Call Meeting to Order & Roll Call** – The meeting was called to order by Committee Chair Alan Harbottle (Alameda) at 9:08 am. Attending via teleconference and on-line presentation were Midson Hay and Ben Rings (Alameda), Shiva Swaminathan (Palo Alto), Khaly Nguyen (Port of Oakland), Kamryn Hutson (Redding), and Monica Nguyen and Basil Wong (Santa Clara). Peter Lorenz (non-voting Representative with TID) also attended via teleconference and online presentation. Those attending in person are listed on the attached Attendee Sign-In Sheet. Committee Representatives from BART, Biggs, Gridley, Healdsburg, Lompoc, Plumas-Sierra, Shasta Lake, TID, and Ukiah were absent. A quorum of the Committee was not established at the time of roll call.

## **PUBLIC FORUM**

No public comment.

## **OPEN SESSION**

## **DISCUSSION / ACTION ITEMS**

- 2. Approval of minutes from the April 5, 2023, May 3, 2023, and June 7, 2023 regular Facilities Committee meetings, and the May 18, 2023 Special Facilities Committee meeting.**

Motion: A motion was made by Brian Schinstock and seconded by Basil Wong recommending approval of the minutes from the April 5, 2023, May 3, 2023, and June 7, 2023 regular Facilities Committee meetings, and the May 18, 2023 Special Facilities Committee meeting. A vote was taken by roll call: YES = Alameda, Gridley, Lodi, Palo Alto, Plumas-Sierra, Port of Oakland, Redding, Roseville, Santa Clara, and Ukiah. The motion passed.

- ***Please note – This item was voted on after a quorum of the Committee was established at 9:40 am.***

- 3. All NCPA Facilities, Members – Siemens Industry, Inc. MTGSA** – Staff presented background information and was seeking a recommendation for Commission approval of a five-year Multi-Task General Services Agreement with Siemens Industry, Inc. for Power Distribution maintenance and support services, with a not to exceed amount of \$2,000,000, for use at all facilities owned and/or operated by NCPA, and NCPA Members.

NCPA has a current MTCSA with Siemens Industry, Inc., however, that agreement is for technical advisory wildfire mitigation plan services, not for maintenance-type services. 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 ABB, Inc. and NorCal Power Services. A draft Commission Staff Report, and agreement were available for review.

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 Siemens Industry, Inc. for electrical maintenance 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, and NCPA Members. No other meeting attendees had any objections or questions. This item will move forward to the next Commission Meeting scheduled on July 27, 2023 on the Commission Consent Calendar.

- 4. All NCPA Facilities, Members, SCPPA – Famand, Inc. dba Indoor Environmental Services First Amendment MTGSA** – Staff presented background information and was seeking a recommendation for Commission approval of a First Amendment to the five-year Multi-Task General Services Agreement with Famand, Inc. dba Indoor Environmental Services for HVAC services, modifying Exhibit A to add Air Compressors, Dryers, and Preventative Maintenance Programs to the Scope of Work and Exhibit to reflect changes in pricing, with no change to the contract term or not to exceed amount, for continued use at all facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, and SCPPA Members.

NCPA entered into a five-year Multi-Task General Services Agreement with Famand, Inc. dba Indoor Environmental Services effective December 30, 2021, for use at all NCPA, NCPA Members, SCPPA, and SCPPA Member facilities. NCPA has utilized Famand, Inc. dba Indoor Environmental Services regularly for miscellaneous HVAC maintenance services at the Geothermal Facility. NCPA recently discovered this vendor can perform servicing and replacement of air compressors and dryers, and provide preventive maintenance programs. NCPA now desires to enter into a First Amendment to the Multi-Task General Services Agreement to modify Exhibit A to add servicing and replacement of air compressors and dryers and providing preventive maintenance programs to the Scope of Work and Exhibit B to reflect changes in pricing. 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 Mesa Energy Systems Inc. dba EMCOR Services, Johnson Controls, Inc. and ACCO Engineered Systems for similar services. A draft Commission Staff Report, original agreement, and First Amendment were available for review.

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 General Services Agreement with Famand, Inc. dba Indoor Environmental Services (IES) for heating, ventilation and air-conditioning (“HVAC”) maintenance services, modifying Exhibits A and B, with no change to the contract term or not to exceed amount, with any non-substantial changes recommended and approved by the NCPA General Counsel, for continued use at any facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, and SCPPA Members. No other

meeting attendees had any objections or questions. This item will move forward to the next Commission Meeting scheduled on July 27, 2023 on the Commission Consent Calendar.

- 5. NCPA Geothermal Facility – Gifford’s Backhoe Services, Inc. MTGSA –** Staff presented background information and was seeking a recommendation for Commission approval of a five-year Multi-Task General Services Agreement with Gifford’s Backhoe Services, Inc. for miscellaneous maintenance labor and equipment rental services, with a not to exceed amount of \$2,000,000, for use at NCPA’s Geothermal Facility.

The current agreement with Gifford’s Backhoe Services, Inc. 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 Epidendio Construction Company, Northern Industrial Construction, and Action Sanitary. A draft Commission Staff Report, and agreement were available for review.

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 Gifford’s Backhoe Services, Inc. to provide miscellaneous maintenance labor and equipment rental 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 NCPA’s Geothermal facility. No other meeting attendees had any objections or questions. This item will move forward to the next Commission Meeting scheduled on July 27, 2023 on the Commission Consent Calendar.

- 6. Execution of Confirmation Number 0307 under the Northern California Power Agency Support Services Program Agreement –** Subject to approval by the Roseville City Council under the terms of the Northern California Power Agency Support Services Program Agreement, approval of Resolution 23-70 authorizing the NCPA General Manager or his designee to execute Confirmation Number 0307, with a not-to-exceed amount of \$1,196,537.12, with any non-substantial changes recommended and approved by the NCPA General Counsel, and issue Purchase Orders to Siemens Energy, Inc. for a five-year T3000 maintenance and support services program and Omnivise T3000 version upgrade.

NCPA entered into a five-year Multi-Task General Services Agreement (Agreement) with Siemens Energy, Inc. (Siemens) effective April 27, 2023, for T3000 control systems maintenance and support services. The Agreement includes services for NCPA, the City of Roseville, and the City of Redding. By combining efforts, NCPA was able to negotiate a discount in pricing applicable to all three participants. Roseville will utilize Siemens’ services through NCPA’s Support Services Program. Roseville has confirmed through submission of its Task Request that it is responsible for satisfying Roseville’s Purchasing Policies.

In June 2023, Roseville requested services under the SSPA for Siemens to provide T3000 maintenance program services for a five-year term and an Omnivise T3000 version upgrade. Per the Agreement’s Scope of Work and Roseville’s Task Request, the cost for the services over the five-year term is not-to-exceed \$1,194,020.12. If approved, Confirmation Number 0307 states that NCPA agrees to provide the requested services through its contract with Siemens Energy, Inc. dated April 27, 2023, in the amount of not-to-exceed \$1,194,020.12. With the addition of NCPA’s administrative fees of not more than \$2,335.00, the total amount expended under the Confirmation will not exceed \$1,196,537.12.

Due to the lack of a quorum, no formal action was taken. However, the Members present at the meeting voiced their support and recommend, subject to approval by the Roseville City Council of the requested services under the terms of the Northern California Power Agency (NCPA) Support Services Program Agreement, Commission approval of Resolution 23-70 authorizing the NCPA General Manager or his designee to execute Confirmation Number 0307, with a not-to-exceed amount of \$1,196,537.12, with any non-substantive changes as approved by the NCPA General Counsel, and issue Purchase Orders to Siemens Energy, Inc. for the provision of a five-year T3000 maintenance and support program and an Omnivise T3000 version upgrade for Roseville. No other meeting attendees had any objections or questions. This item will move forward to the next Commission Meeting scheduled on July 27, 2023 on the Commission Consent Calendar.

- 7. Execution of Confirmation Number 0308 under the Northern California Power Agency Support Services Program Agreement** – Subject to approval by the Redding City Council under the terms of the Northern California Power Agency Support Services Program Agreement, approval of Resolution 23-71 authorizing the NCPA General Manager or his designee to execute Confirmation Number 0308, with a not-to-exceed amount of \$1,167,293.55, with any non-substantial changes recommended and approved by the NCPA General Counsel, and issue Purchase Orders to Siemens Energy, Inc. for a five-year T3000 maintenance and support services program and Omnivise T3000 version upgrade.

NCPA entered into a five-year Multi-Task General Services Agreement (Agreement) with Siemens Energy, Inc. (Siemens) effective April 27, 2023, for T3000 control systems maintenance and support services. The Agreement includes services for NCPA, the City of Redding, and the City of Roseville. By combining efforts, NCPA was able to negotiate a discount in pricing applicable to all three participants.

In June 2023, Redding requested services under the SSPA for Siemens to provide T3000 maintenance program services for a five-year term and an Omnivise T3000 version upgrade. Per the Agreement's Scope of Work and Redding's Task Request, the cost for the services over the five-year term is not-to-exceed \$1,164,958.55, which includes the proposal amount of \$1,059,053.23, plus at 10% contingency of \$105,905.32. If approved, Confirmation Number 0308 states that NCPA agrees to provide the requested services through its contract with Siemens Energy, Inc. dated April 27, 2023, in the amount of not-to-exceed \$1,164,958.55. With the addition of NCPA's administrative fees of not more than \$2,335.00, the total amount expended under the Confirmation will not exceed \$1,167,293.55.

At its meeting on June 20, 2023, the Redding City Council approved Confirmation Number 0308 under the Support Services Program Agreement for these T3000 services provided to Redding by Siemens, at a total cost not-to-exceed 1,167,293.55.

Due to the lack of a quorum, no formal action was taken. However, the Members present at the meeting voiced their support and recommend, subject to approval by the Redding City Council of the requested services under the terms of the Northern California Power Agency (NCPA) Support Services Program Agreement, Commission approval of Resolution 23-71 authorizing the NCPA General Manager or his designee to execute Confirmation Number 0308, with a not-to-exceed amount of \$1,167,293.55, with any non-substantive changes as approved by the NCPA General Counsel, and issue Purchase Orders to Siemens Energy, Inc. for the provision of a five-year T3000 maintenance and support program and an Omnivise T3000 version upgrade for Redding. No other meeting attendees had any objections or questions. This item will move forward to the next Commission Meeting scheduled on July 27, 2023 on the Commission Consent Calendar.

- 8. NCPA Hydroelectric Facility – Collierville Stormwater Mitigation Project** – Staff provided background information and was seeking a recommendation for Commission approval of the Collierville Stormwater Mitigation Project, including 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, for a total cost not to exceed \$320,000.

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. Clarks Creek frequently floods and endangers the safe, continued operation of the CVPH. The Collierville Stormwater Mitigation Project is intended to preserve and improve the function of the existing flood control system and minimize the potential for flooding of the CVPH. This project will be split into two phases:

- Phase 1: engineering, design and environmental permitting
- Phase 2: completion of the project

NCPA is currently seeking approval from the Commission for Phase 1 of the project only. Authorization for Phase 2 is anticipated to be sought from the Commission in 2024, pending completion of the engineering and permitting.

The FY24 forecast for Phase 1 of the Collierville Stormwater Mitigation Project budget was \$200,000. The current total cost for engineering, design and permitting for the Project is anticipated not to exceed \$320,000. The increase in Phase 1 cost estimates are due to subsequent damage to the Clarks Creek system incurred during the 2023 flood, additional identified environmental permitting processes, and significant cost inflation in outside engineering services.

Funding for Phase 1 of the project will come from NCPA Hydro's 2024 O&M budget. There is sufficient funding available in this budget for the updated Phase 1 costs and, as such, additional funds are not requested from the Members as this time. Phase 2, tentatively planned for 2024, will be dependent on available funding and additional authorizations.

- ***Please note – The City of Gridley, Plumas-Sierra, and the City of Ukiah joined the meeting during the presentation of item #8. Roll call was taken. A quorum of the Committee was established at 9:40 am.***

Motion: A motion was made by Jiayo Chiang and seconded by Brian Schinstock recommending Commission approval authorizing the Collierville Stormwater Mitigation 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, for a total cost not to exceed \$320,000. A vote was taken by roll call: YES = Alameda, Gridley, Lodi, Palo Alto, Plumas-Sierra, Port of Oakland, Roseville, Santa Clara, and Ukiah. ABSTAIN = Redding. The motion passed.

## **INFORMATIONAL ITEMS**

- 9. New Business Opportunities** – Staff provided an update regarding new business opportunities.
- Yuba City Strategic Reserve (SC Services)**
- CDWR has inquired about NCPA supplying SC Services for the Yuba City Strategic Reserve Project
    - Resource: Two (2) 30 MW Combustion Turbines
      - Resource ID: GRNLF1\_PL1X2

- Certification: Energy Only
- Dispatch: Emergency operations per CAISO 4420
- Owner: CDWR
- Operator: Calpine (operations and maintenance)
- Est. COD: In operations, seeking prompt services
- Est. Cost: To Be Discussed
- Staff is seeking Member feedback

**Scope of Services**

- Scheduling Services
  - Development and submission of schedules and Bids for the Facility into the CAISO markets
  - Perform planned and forced outage coordination with CAISO
  - Collect SQMD, and use such to perform CAISO settlement validation
  - Review, validate, and reconcile CAISO settlement charges and credits
  - Dispatch the Facility in accordance with Scheduling Procedures
  - Call-out field and emergency service personnel
  - Operational coordination

**NCPA Project Development (PPA)**

- Zero Waste Energy Development (ZWED)
  - SB 1383 compliance goal
  - 1.6 MW LF Gas, Existing Facility
  - Participants: Santa Clara and Palo Alto
  - Products: Energy, RPS, RA
  - Term: 10 Year Term
  - Operations: Seller to act as Scheduling Coordinator
  - Price: To Be Discussed
  - Negotiation Status: Working on updated draft of PPA

**10. Combined Integrated Resource Plan 2023** – Staff provided notice to the Committee that the 2023 Combined Integrated Resource Plan (IRP) Annual Update and 5-Year Plan (2024 – 2028) was filed with Western, on behalf of the NCPA Pool Members. This document has been published on NCPA Connect.

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

No update was provided at the time of this meeting. There have been multiple Member comments that Ascend Analytics, LLC is currently working on. An update will be provided at the next meeting.

**12. NCPA 2024 Plant Outage Schedule** – Staff provided an overview of the draft 2024 Plant Outage Schedule allowing Members to review and provide comments.

The annual maintenance scope includes required regulatory compliance, electrical, mechanical, and civil type of work. Scheduling considerations include balancing multiple factors such as: cost, Mother Nature and her impact on weather and accessibility, such as snow, impact from the market, and grid sensitivity. 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.

Geo Plant 1 Units 1 and 2 are in a dual unit outage for 31 days from March 1 – 31, 2024. Work during this outage includes Plant 1 Stretford maintenance, BOP activities, Units 1 and 2 strainer

basket inspections, and NERC relay testing. CT2 and LEC are both in an outage from April 1 – April 30, 2024 for routine annual maintenance and AVR. The CT1 Alameda Units 1 and 2, includes a dual unit outage for 31 days from May 1 – 31, 2024 for a controls upgrade and protection upgrade. Collierville Units 1 and 2 is in a dual outage October 5, 2024, and October 6, 2024 for routine maintenance. Please contact staff with any questions, concerns, or feedback you may have regarding the 2024 planned outage schedule. Staff will bring this item back in August for approval.

**13. NCPA Generation Services Plant Updates** – Plant Staff will provide the Committee with an informational update on current plant activities and conditions.

**CTs** – CT1 had 1 ghost start of 36 forecasted. FYTD total is 122 starts. CT2 had 0 starts of 21 forecasted. FYTD total is 21 starts.

- **Outages**
  - **CT1 Lodi-** Available, Discovered an oil leak on CT load gear upper case. Requested a forced short notice opportunity outage on 6/29/23 @ 0800 thru 6/29/23 @ 1400. Repairs were made and unit was returned to service 0930.
  - **CT1 Alameda-** Available, Conducted NERC PRC-006 testing, outage started on 6/5/23 @ 0700 thru 6/7/23 @ 1324. Communications issues with AT&T continue, OMS ticket with CAISO for 3 hour dispatch notification from 6/9/23 @ 2340 thru 6/11/23 @ 01:44.
  - **CT2 STIG-** Available.
- **CT1 Lodi Run Hours**
  - YTD hours 16.6 of 200 Allowed (based on calendar year)
- **CT1 Alameda Diesel Hours**
  - U1= 5.27 hrs. of 20 (based on rolling year)
  - U2= 4.86 hrs. of 20 (based on rolling year)
- **Safety and Environmental**
  - Safety Issues
    - Trailer Lynch Pin Failure and Lessons Learned
  - No Environmental issues to report.
- **Staff reviewed the CAISO Commitment Runs for June 2023.**

**Geo** – There was one medical emergency with an employee airlifted to the hospital in the month of June. Safety Training is 70% complete. Vegetation management and firebreak work continue at the facility. The average Net Generation for the month of June was 16.4 GWh with the average net generation level at 22.8 MW. FY 2023 actual net Generation = 627.5 GWh, which is 14.5% under forecast due to Unit 1 turbine rotor repairs, and Unit 4 cooling tower repairs. The Unit 1 return to service date is to be determined, due to the Plant 1 crane repairs. Unit 2 circulating pump repairs have been completed. The unit was back online June 27, 2023. The Unit 4 Cooling Tower Project has been completed. The unit was back online June 26, 2023.

**Hydro** – The Hydro project continues with heavy generation schedules. Collierville (CV) Power House was at 99% availability and New Spicer Meadows (NMS) Power House was at 100% availability during the month of June. June precipitation was average for the month. Precipitation is at 62.7 total inches, and is at 160% of average for this date. The SWC dropped from 79 to 14 and is at 378% of average for this date. Alpine, Union, Utica, and Spicer are all currently spilling.

- **New Spicer Meadows Reservoir Storage**
  - Spill began June 20
  - 32,360 acre feet increase (21%) month-over-month
  - 157,000 acre feet to 189,360 acre feet
    - Anticipate 100% Spicer generation through duration of spill
    - Monitoring snowpack, water rights, runoff, and market

## Current Events

- Projects
  - Filed the McKays DSSMR
  - Developing the Spicer DSSMR
  - Opened Spicer Campground Water System June 30
  - Continued FEMA/OES damage coordination
  - Monthly CCWD coordination meetings
  - Commencing work on all approved FY '24 projects
  - 230 KV T-line vegetation management progressing

**14. Planning and Operations Update** – Currently lots of water in the CA reservoirs. Most are at capacity. With high heat expected this weekend there should be plenty of capacity on hand.

### - **Summer 2023 Readiness**

- NCPA activities
  - Review / confirm member contact information
  - Review / validate operating procedures
  - Update Dispatch / SC training for emergency operations
  - Discuss emergency operations with Member contacts
  - Further coordination with CAISO
  - Member coordination for EAL requirements
- July 12, 2023 – Annual NCPA Manual Load Shedding Procedure Training

### - **Resource Integration**

- Pool of solar and wind resources: COD July 2023
- Standalone solar: COD September 2023
- Solar + BESS: COD Q3 2023
  - Solar currently delivering test energy
- Two slices of Solar + BESS: COD October 2023
  - Delays due modules being held at customs and meter configuring issue
- Solar + BESS COD: January 2024
- Solar + BESS: COD May 2024
- Standalone BESS: COD June 2024
- RA + Energy option COD: June 2024
- 2 slices of Geo: COD June 2024
- Solar + BESS: COD September 2024
- Pending project: COD Summer 2024
- Pending project: COD Q4 2024

**15. Next Meeting** – The next regular Facilities Committee meeting is scheduled for August 2, 2023.

## **ADJOURNMENT**

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





**Northern California Power Agency  
 July 5, 2023 Facilities Committee Meeting  
 Attendance List**

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

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