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Minutes

Date: December 11, 2023
To: NCPA Facilities Committee
From: Carrie Pollo
Subject: December 6, 2023 Facilities Committee Meeting Minutes

- 1. Call meeting to order & Roll Call** – The meeting was called to order by Committee Chair Alan Harbottle (Alameda) at 9:04 am. Attending via teleconference and/or on-line presentation were Midson Hay, Chris Ferrara, and Ben Rings (Alameda), Josh Cook (Biggs), Jake Carter (Gridley), Brad Wilkie (Lompoc), Shiva Swaminathan (Palo Alto), Nick Rossow (Redding), and Monica Nguyen and Jared Isaacson (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, Healdsburg, Plumas-Sierra, Port of Oakland, Shasta Lake, TID, and Ukiah were absent. A quorum of the Committee was established.

PUBLIC FORUM

No public comment.

OPEN SESSION

DISCUSSION / ACTION ITEMS

- 2. Approval of Minutes from the November 1, 2023 Facilities Committee Meeting.**

Motion: A motion was made by Josh Cook and seconded by Shiva Swaminathan recommending approval of the minutes from the November 1, 2023 Facilities Committee meeting. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Redding, Roseville, and Santa Clara. The motion passed.

- 3. All NCPA Facilities, Members, SCPPA – Millennium Power Services, Inc. MTGSA-EMS –** Staff presented background information and was seeking a recommendation for Commission approval of a five-year Multi-Task General Services Agreement and Multi-Task Agreement for Purchase of Equipment, Materials and Supplies with Millennium Power Services, Inc. for valve maintenance services and parts, with a not to exceed amount of \$1,000,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, and SCPPA Members.

This will be 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 with IMI Critical Engineering, Inc. and Carter Process Controls (pending) for similar services. A draft Commission Staff Report and the draft agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

Motion: A motion was made by Jake Carter and seconded by Shiva Swaminathan recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task General Services Agreement and Agreement for Purchase of Equipment, Materials and Supplies with Millennium Power Services, Inc. for valve parts and maintenance 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, Lompoc, Palo Alto, Redding, Roseville, and Santa Clara. The motion passed.

- 4. All NCPA Facilities, Members, SCPPA – Energy Options, Inc. MTGSA –** Staff presented background information and was seeking a recommendation for Commission approval of a five-year Multi-Task General Services Agreement with Energy Options, Inc. for cooling tower maintenance services, with a not to exceed amount of \$500,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, and SCPPA Members.

This is a current NCPA vendor. The current agreement with Energy Options 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 American Cooling Tower, Creative Cooling Technologies and EvapTech, Inc. A draft Commission Staff Report and the draft agreement were available for review. It is recommended to place this item on the Commission Consent Calendar.

Motion: A motion was made Shiva Swaminathan and seconded by Monica Nguyen recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task General Services Agreement with Energy Options, Inc. for cooling tower maintenance 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. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Redding, Roseville, and Santa Clara. The motion passed.

- 5. NCPA Geothermal Facility – Nick Barbieri Trucking, LLC dba Redwood Coast Fuels MTEMS –** Staff presented background information and was seeking a recommendation for Commission approval of a five-year Agreement for Purchase of Equipment, Materials and Supplies with Nick Barbieri Trucking, LLC dba Redwood Coast Fuels for delivery of fuels, oils, lubricants and other miscellaneous petroleum products, with a not to exceed amount of \$2,000,000, for use at NCPA's Geothermal Facility.

NCPA currently has an agreement in place with Nick Barbieri Trucking, LLC dba Redwood Coast Fuels which is expiring. 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 Westgate Petroleum Company, Inc., Valley Pacific Petroleum Services, Inc., and Southern Counties Lubricants, LLC. A draft Commission Staff Report and the draft 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 Agreement for Purchase of Equipment, Materials and Supplies with Nick Barbieri Trucking, LLC dba Redwood Coast Fuels for delivery of fuels, oils, lubricants, and other miscellaneous petroleum products, 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. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Roseville, and Santa Clara. ABSTAIN = Redding. The motion passed.

INFORMATIONAL ITEMS

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

City of Roseville RFP 07-096 – Staff discussed an RFP for Power Management Services for the City of Roseville which includes front office services, reporting, middle and back office services, and supplemental services. The proposal submission deadline is December 21, 2023. Key consideration and impacts include staffing and resources, impacts on internal technology and systems, developing a cost estimate, the timing of integration, and other policy considerations.

NCPA staff believe it would require additional staffing to be fully responsive to the RFP

- 1 FTE in Pre-Scheduling office
- 1 FTE to support the following functions:
 - Technical integration
 - Reporting
 - Contract management

Costs of additional staffing/resources could be off-set with additional service revenues.

- Technology:
 - Scheduling software – BANC / EIM scheduling functionality
 - Database impacts – storage of additional information / new types of information
 - Reporting capability – development of additional tools for reporting and data sharing
 - Mid-Office – development of tools to track and report on active transactional activities
- Estimated services fee
 - Developed using “Nexant” model; developed as if RSVL is receiving services through existing service programs
- Integration
 - Will become high priority project, and will complete with other Agency goals and objectives
- Policy considerations
 - RSVL is a Member of NCPA, but would be taking services via a Services Agreement; as compared to pre-existing program agreements

NCPA will develop a proposal to the City of Roseville RFP 07-096 and present to Roseville for review and consideration.

- 7. Review of Power Supply Assumptions** – Staff provided an overview of the Power Supply Assumptions for the FY 2025 Annual Budget Schedule. SAS OR software is used to optimize generation output as a function of hourly prices, plant operations constraints, outages, and hydro conditions. Average rain, snow, and temperatures are used for the forecast. Key input variables were reviewed by staff, and such input variables were used in the forward curves from EOX's August 31, 2023 model run that forms the basis for the forecasted generation output used in the budget. Staff reviewed the specific data that was used for NCPA Projects including Geo, Hydro, LEC CTs and SFWPA. Summaries of the model outputs were presented to, and reviewed by the Committee. Optimization models were run in November and will be distributed to Plant Managers for review.

The preliminary load-resource balances that will be used in the FY 2025 budget process will be ready for Members review and consideration by January 5, 2024. The final budget inputs are due to the Accounting Division by January 11, 2024, with the final FY 2025 power supply models distributed to Members thereafter. Please contact Ken Goeke with any questions you may have at ken.goeke@ncpa.com.

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

Hydro – Collierville (CV) Power House was at 100% availability during the month of November. New Spicer Meadows (NMS) Power House was at 99% availability due to a 6-hour TIGO for PG&E Comm work. The monthly generation profiles for CV and NMS were shared with the Committee. Precipitation was about half of average for the month. Repairs to the Utica parapet wall and Lake Alpine Dam No 2 have been completed. The main dam for Lake Alpine still has repairs to be completed in 2024. The Utica quinquennial tunnel inspection was also performed during the month.

New Spicer Meadows Reservoir Storage

- 23,445-acre feet decrease (19%) month-over-month
- 125,300-acre feet to 101,855-acre feet
- Storage levels remain strong going into winter
- Optimizing stored water

Current Events

- **Projects**
 - Completed 125V Spicer battery bank replacement project
 - Replaced McKays Rim Landslide dewatering pump
 - Initiating Beaver Creek sluicing permit renewal process
 - Continued FEMA/OES damage coordination
 - CCWD coordination meetings –December 12th
 - DSOD and FERC approved replacement design of the Lake Alpine handrail and walkway system

CTs – CT1 had 7 starts of 3 forecasted. FYTD total is 57 starts. CT2 had 1 start of 0 forecasted. FYTD total is 27 starts.

▪ **Outages**

- **CT1 Lodi** – Available
- **CT1 Alameda U1/U2** – Available
 - On 11/13/23 @ 1130 thru 1347, Alameda U1 forced due to remote I/O card fault. OMS 14647843.
- **CT2 STIG** – Available

- **CT1 Lodi Run Hours**
 - YTD hours 33.4 of 200 Allowed (based on calendar year)
- **CT1 Alameda Diesel Hours**
 - U1= 4.95 hrs. of 42 (during any consecutive 12-month period)
 - U2= 3.75 hrs. of 42 (during any consecutive 12-month period)
- **Safety and Environmental**
 - No safety issues to report
 - No environmental issues to report
- **2024 Planned Outages**
 - **CT1 Lodi- 1/1/24 thru 1/31/24**
 - CT Controls Upgrade
 - Gas Compressor Maintenance
 - CT Borescope Inspection
 - **CT2 STIG- 4/1/24 thru 4/30/24**
 - **CT1 Alameda U1/U2- 5/1/24 thru 5/31/24**
- **Staff reviewed the CAISO Commitment Runs for November 2023**

Geo – There were no safety incidents on site. However, there was an incident involving vehicle damage and harassment during commute traffic. Safety training is 77% complete. The average Net Generation for the month of November was 48.6 MW. The total net generation was 35 GWh. CY 2023 actual net generation = 490.4 GWh, which is 18.3% below forecast. CY net generation goal is 664.8 GWh. During the month the Unit 4 bridge crane was repaired and RTS re-mobilized to the site. The expected return to service date is late December 2023. The turbine rotor and diaphragm repairs continue for the Unit 1 steam strainer damage. Plant yard and road repairs have been completed.

9. Planning and Operations Update – Staff provided an update on issues related to planning and operations.

- Resource Integrations
 - NID Deer Creek – Dec 2023
 - Lodi Strategic Reserve Resource – Nov 2024
 - Scarlet Solar / BESS – Mid-2024
 - Proxima Solar / BESS – Mid-2024
- Resource Development
 - ZWEDC – negotiations complete
 - Grace Solar Project – active negotiation
 - Wildcat Solar Project – active proposal
 - NCPA working to refresh Renewable RFP – Q1 2024
 - Influenced by IARP due to be presented to the Commission in January 2024

10. Next Meeting – The next Facilities Committee meeting is scheduled for January 3, 2024.

ADJOURNMENT

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

**Northern California Power Agency
December 6, 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>
ALAMEDA	
BART	
BIGGS	
GRIDLEY	
HEALDSBURG	
LODI	<i>Mayo Ramirez</i>
LOMPOC	
PALO ALTO	
PLUMAS-SIERRA REC	
PORT OF OAKLAND	
REDDING	
ROSEVILLE	<i>B. S. [Signature]</i>
SANTA CLARA	
SHASTA LAKE	
TID	
UKIAH	