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Minutes

Date: December 2, 2021
To: NCPA Facilities Committee
From: Carrie Pollo
Subject: December 1, 2021 Special Facilities Committee Meeting Minutes

- 1. Call meeting to order & Roll Call** – The meeting was called to order by Committee Chair Basil Wong (Santa Clara) at 9:05 am. Attending via teleconference and/or on-line presentation were Alan Harbottle (Alameda), Mark Sorensen (Biggs), Cliff Wagner (Gridley), Jiayo Chiang (Lodi), Matthew MacDonald (Lompoc), Shiva Swaminathan (Palo Alto), Mike Brozo (Plumas-Sierra), Khaly Nguyen (Port of Oakland), Brian Schinstock (Roseville), and Steve Hance (Santa Clara). Owen Goldstrom (non-voting Representative with TID) also attended via teleconference. Those attending in person are listed on the attached Attendee Sign-in Sheet. Committee Representatives from BART, Healdsburg, Redding, TID, and Ukiah were absent. A quorum of the Committee was established.

PUBLIC FORUM

No public comment.

- 2. Amendment to SJCE Services Agreement** – Staff presented background information and was seeking a recommendation for approval of Amendment No. 4 to the Services Agreement between NCPA and the City of San Jose, to detail certain changes associated with the City of San Jose's registration as a CAISO Scheduling Coordinator, and to enable NCPA to act as the City of San Jose's Scheduling Agent.

NCPA and the City of San Jose entered into a Services Agreement on May 7, 2018, which set forth the terms and conditions whereby NCPA supplies various scheduling and operating services to the City of San Jose. The Services Agreement included a requirement that the City of San Jose register as a Scheduling Coordinator and establish a Scheduling Coordinator account with the California Independent System Operator (CAISO) by a defined date, and upon completing such registration NCPA would continue supplying services to the City of San Jose acting as a Scheduling Agent. Until the registration process was complete, NCPA would act on behalf of the City of San Jose as a Scheduling Coordinator.

On October 4, 2019, NCPA and the City of San Jose entered into Amendment No. 1 to the Services Agreement to give the City of San Jose additional time to complete its duty to register as a Scheduling Coordinator with the CAISO. On March 11, 2020, NCPA and the City of San Jose entered into Amendment No. 2 to the Services Agreement to extend the term of the Services Agreement for a second term, and to amend certain terms of the Services Agreement to enable NCPA to continue acting as the City of San Jose's Scheduling Coordinator during the second term

of the Services Agreement. On August 26, 2021, NCPA and the City of San Jose entered into Amendment No. 3 to the Services Agreement to further extend the term of the Services Agreement through August 31, 2022.

The City of San Jose now desires to complete its registration as a Scheduling Coordinator and establish a Scheduling Coordinator account with the CAISO, and to transfer and/or migrate its portfolio to its Scheduling Coordinator account on January 1, 2022 or shortly thereafter. The City of San Jose also now desires to establish the ability to retain and be directly responsible for making payments to the CAISO and processing charges and credits invoiced by the CAISO to the City of San Jose's Scheduling Coordinator account. To enable NCPA to act as the City of San Jose's Scheduling Agent once the City of San Jose has completed its registration as a Scheduling Coordinator, NCPA staff has developed Amendment No. 4 to the Services Agreement to detail certain changes needed for NCPA to act as the City of San Jose's Scheduling Agent.

Motion: A motion was made by Alan Harbottle and seconded by Mark Sorensen recommending Commission approval authorizing the General Manager of Northern California Power Agency (NCPA) to enter into Amendment No. 4 to the Services Agreement between NCPA and City of San Jose, to detail certain changes needed for NCPA to act as the City of San Jose's Scheduling Agent, including any modifications to Amendment No. 4 to the Services Agreement between NCPA and the City of San Jose recommended and approved by the NCPA General Counsel. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Plumas-Sierra, Port of Oakland, Roseville, and Santa Clara. The motion passed.

ADJOURNMENT

The meeting was adjourned at 9:39 am.

**Northern California Power Agency
December 1, 2021 Special 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	✓
TID	✓ (non-voting)
UKIAH	



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PUBLIC FORUM

No public comment.

OPEN SESSION

DISCUSSION / ACTION ITEMS

- 2. Approval of Minutes from the November 3, 2021 Facilities Committee meeting.**

Motion: A motion was made by Mark Sorensen and seconded by Jiayo Chiang recommending approval of the November 3, 2021 Facilities Committee meeting minutes. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Port of Oakland, Roseville, and Santa Clara. The motion passed.

*****Prior to item #3, at 9:43 am, Jane Luckhardt, NCPA General Counsel, stepped out of the conference room due to a conflict of interest.*****

- 3. All NCPA Facilities, Members, SPPA – Black & Veatch Corporation MTPSA** – Staff presented background information and was seeking a recommendation for Commission approval of a five-year Multi-Task Professional Services Agreement with Black & Veatch Corporation for consulting services related project support and plant operations, with a not to exceed of \$3,000,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, by SPPA, and SPPA Members. All purchase orders will be issued following NCPA procurement policies and procedures.

The current agreement with Black & Veatch Corporation 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 projects. NCPA has agreements in place for similar services with HDR Engineers and Worley Group, Inc. This enabling agreement does not commit NCPA to any expenditure of funds. At the time services are needed, NCPA will bid the specific scope of work consistent with NCPA procurement policies and procedures. A draft Commission Staff Report 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 Brian Schinstock and seconded by Basil Wong recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task Professional Services Agreement with Black & Veatch Corporation for consulting services related to project support and plant operations, with any non-substantial changes recommended and approved by the NCPA General Counsel, which shall not exceed \$3,000,000 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, Pumas-Sierra, Port of Oakland, Roseville, and Santa Clara. The motion passed.

*****After item #3 was completed, at 9:49 am, Jane Luckhardt, NCPA General Counsel, stepped back into the conference room.*****

- 4. All NCPA Facilities, Members, SCPPA – ACCO Engineered Systems, Inc. MTGSA – Staff** presented background information and was seeking a recommendation or Commission approval of a five-year Multi-Task General Services Agreement with ACCO Engineered Systems, Inc. for HVAC maintenance services, with a not to exceed of \$750,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, and SCPPA Members. All purchase orders will be issued following NCPA procurement policies and procedures.

The current agreement with ACCO Engineered Systems, 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 projects. NCPA has agreements in place for similar services with ABM Building Solutions, Comfort Air, Inc., Creative Cooling Technologies, EMCOR Services Mesa Energy, Johnson Controls, Inc. and Pullman Heating & Cooling, Inc. This enabling agreement does not commit NCPA to any expenditure of funds. At the time services are needed, NCPA will bid the specific scope of work consistent with NCPA procurement policies and procedures. A draft Commission Staff Report 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 Jiayo Chiang and seconded by Mark Sorensen recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task General Services Agreement with ACCO Engineered Systems, Inc. for HVAC maintenance services, 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, NCPA Members, by SCPPA, and SCPPA Members. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Plumus-Sierra, Port of Oakland, Roseville, and Santa Clara. The motion passed.

- 5. Authorize NCPA's General Manager to Execute Confirmation Number 0236 for CLEAResult Consulting Inc. Services to Santa Clara/Silicon Valley Power and Issue a Purchase Order Under the Support Services Program –** Subject to approval by the Santa Clara City Council of the requested services under the terms of the Northern California Power Agency (NCPA) Support Services Program Agreement (SSPA), staff reviewed and was seeking a recommendation for Commission approval of Resolution 21-120 authorizing the NCPA General Manager or his designee to execute Confirmation

Number 0236 in the amount not-to-exceed \$422,368, with any non-substantive changes as approved by the NCPA General Counsel, and issue a Purchase Order to CLEAResult Consulting Inc. for electric vehicle charging infrastructure assistance, electrification education, and electrification assessment services. The Confirmation exceeds the General Manager's signing authority which requires Commission approval.

NCPA entered into a Multi-Task Consulting Services Agreement with CLEAResult Consulting Inc. (CLEAResult) effective December 18, 2020, for electric vehicle (EV) education, electrification education, and additional energy efficiency related services. In August 2021, SVP submitted a Member Task Request under the SSPA for CLEAResult services to provide EV charging infrastructure technical assistance, electrification education, and electrification assessment services through December 2023. Per the CLEAResult proposal and SVP Task Request, the cost for the services is not-to-exceed \$417,723.00. With the addition of NCPA's administrative fees, the total amount expended under the Confirmation will not exceed \$422,368.00.

On January 11, 2022, or as soon thereafter as possible, the Santa Clara City Council will consider for approval Confirmation Number 0236 under the Support Services Program Agreement for these energy efficiency services provided to SVP by CLEAResult through December 31, 2023, for a not-to-exceed amount of \$422,368.00. There is no fiscal impact to NCPA. The services provided by CLEAResult to SVP will be billed to and paid by SVP pursuant to the terms of the Support Services Program Agreement. NCPA's administrative costs will be reimbursed by SVP. The Commission Staff Report and proposed Confirmation Number 0236 were available for review. It is recommended to place this item on the Commission Consent Calendar.

Motion: A motion was made by Basil Wong and seconded by Jiayo Chiang recommending Commission approval, subject to approval by the Santa Clara City Council of the requested services under the terms of the Northern California Power Agency Support Services Program Agreement, authorizing the General Manager or his designee to execute Confirmation Number 0236 in the amount not-to-exceed \$422,368, with any non-substantive changes as approved by the NCPA General Counsel, and issue a Purchase Order to CLEAResult Consulting Inc. for electric vehicle charging infrastructure assistance, electrification education, and electrification assessment services. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Plumas-Sierra, Port of Oakland, Roseville, and Santa Clara. The motion passed.

- 6. Amended and Restated Facilities Agreement Facilities Schedule 15 – South Feather Power Project Operations Procedures** – Staff presented background information and was seeking a recommendation for Commission approval incorporating Facilities Schedule 15 into the Amended and Restated Facilities Agreement for South Feather Power Project Operating Procedures, with any non-substantial modifications recommended and approved by the NCPA General Counsel.

Pursuant to Resolution 21-83, the Commission authorized the General Manager of NCPA to enter into the Power Purchase Agreement between South Feather Water and Power Agency (SFWPA) and NCPA (PPA), and the Third Phase Agreement for Power Purchase Agreement with South Feather Water and Power Agency (Third Phase Agreement). As further described in the PPA and Third Phase Agreement, NCPA, acting on behalf of the Participants, will purchase certain energy, capacity rights and associated environmental attributes supplied from the South Feather Power Project.

In accordance with the PPA, NCPA will schedule and dispatch the South Feather Power Project, and SFWPA will own, operate and maintain the South Feather Power Project. Upon full execution of the Third Phase Agreement, NCPA is authorized to enter into the PPA on behalf of the Participants, and such PPA shall then be deemed a NCPA Project by the Commission pursuant to the Amended and Restated Facilities Agreement.

Since NCPA will be acting as project manager on behalf of the Participants regarding scheduling and dispatching of the South Feather Power Project, NCPA staff have developed Facilities Schedule 15 that sets forth the operating principles and procedures that will be used by NCPA to manage such activities. Pursuant to the Amended and Restated Facilities Agreement, the Commission may approve incorporating Facilities Schedule 15 to the Amended and Restated Facilities Agreement in accordance with the voting procedures set forth in the Amended and Restated Facilities Agreement. NCPA's costs for development and administration of Facilities Schedule 15 will be allocated to Members in accordance with the Third Phase Agreement, the Power Management and Administrative Services Agreement, the Amended and Restated Facilities Agreement, and approved cost allocation methodologies as described in the NCPA annual budget. A draft Facilities Schedule 15 was 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 Brian Schinstock recommending Commission approval adopting and approving incorporating Facilities Schedule 15 into the Amended and Restated Facilities Agreement for South Feather Power Project Operating Procedures, with any non-substantial modifications recommended and approved by the NCPA General Counsel. A vote was taken by roll call: YES = Alameda, Biggs, Gridley, Lodi, Lompoc, Palo Alto, Plumas-Sierra, Port of Oakland, Roseville, and Santa Clara. The motion passed.

INFORMATIONAL ITEMS

7. **New Business Opportunities** – Staff is currently seeking new proposals for the renewable RFP, and will reach out to Members regarding interest in any new proposals received.
8. **Review of Power Supply Assumptions** – Staff provided an overview of the Power Supply Assumptions for the FY 2023 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. The key input variables were reviewed by staff, and such input variables were used in the forward curves from EOX's September 30, 2021 model run that forms the basis for the forecasted generation output used in the budget. Staff reviewed the specific data that was used for each NCPA Project. Summaries of the model outputs were presented to, and reviewed by the Committee.

The preliminary load-resource balances that will be used in the FY 2023 budget process will be ready for Members review and consideration by January 7, 2022. The final budget inputs are due to the Accounting Division by January 14, 2022, with the final FY 2023 power supply models distributed to Members thereafter. Please contact Ken Goeke with any questions you may have at ken.goeke@ncpa.com.

9. **Nexant Cost Allocation Model Allocation Adjustment for Mid-Fiscal Year 2022** – Staff discussed recommendations for a mid-year adjustment to the current FY 2022 Nexant Cost Allocation Model due to the initiation of scheduling coordination services for new generating resources on behalf of participating NCPA Members.

Project	Owner	Capacity	Start Date
Sky River Wind	BART	30	9/1/2021
Slate 1 Solar	BART	50	11/12/2021
SFWPA Project	NCPA	121.5	12/19/2021
Antelope 1B Solar	NCPA	17	12/31/2021

NCPA began providing bid-to-bill SC services for new Member resources during the mid-FY2022 period. New Member resources are listed in the chart above.

Nexant Methodology guidelines recommend (per Commission Staff Report #119:10) mid-year addition of projects limited to projects of material size based on criteria thresholds of an individual project greater than 40 MW or multiple projects greater than 50 MW. Based on new resource input determinants for the Nexant Model, Members with the biggest increases include BART at 11.98% and Roseville at 6.72%. Members with the biggest decrease include Alameda at 5.69% and Palo Alto at 4.71%. TID Geo Project Participant will also see a decrease of 4.29%.

Staff will seek a recommendation for Commission approval at the January 5, 2022 Facilities Committee meeting. Staff will then seek Commission approval at the January 20, 2022 meeting. If approved, reallocated Power Management costs will be reflected on February 2022 All Resources Bill scheduled to be published on January 25, 2022.

10. Nexant Cost Allocation Model Billing Determinants for FY 2023 – Staff presented and reviewed preliminary results of the Nexant Cost Allocation Model for Fiscal Year 2023. The Nexant Model is the Commission-approved methodology used to allocate Power Management and certain Administrative Services budget costs to Members and Participants. Staff identified and reviewed the source of changes to Members' respective costs from the change in underlying calendar year 2021 operating data used as allocators in the model. The final version of the Nexant Cost Allocation Model and associated underlying operational data are scheduled to be finalized by January 18, 2022, and published to NCPA Connect for Member review and feedback.

The initial allocated results for FY 2023 indicate the biggest increases to Lodi, Ukiah, and Roseville, by approximately 10.05%, 8.19%, and 7.98% respectively, with the updated CY 2021 determinants. Members with the biggest decreases include Lompoc, and BART at 17.97% and 12.46% respectively. Staff reviewed the underlying operational data, and provided an analysis regarding the cost drivers that resulted in the relative percentage changes in the allocations to Members.

Staff will provide an update at the January 2022 Facilities Committee meeting based on updated CY 2021 data. The final proposed modifications for the FY 2023 Nexant Cost Allocation Model determinants results will be presented at the Facilities Committee meeting February 2, 2022. Staff will seek a recommendation for Commission approval at that time.

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

Hydro – Collierville was up and running 100% during the month of November, after the October outages for both units. New Spicer Meadows Reservoir is close to 0% availability due to a forced out by PG&E (transmission induced outage) from October 14 – November 30. The outage was supposed to end November 18, but PG&E ran into difficulties and had to extend the outage. Other outages were scheduled November 22-24, and December 1 – 10. Through the end of October, Hydro only produced 45.5% of budgeted MWh, but realized that was 119% of budgeted CAISO revenues for energy and ancillary services sales. Maintenance work for the month included dam hypalon repairs at New Spicer Meadow Reservoir, Lake Alpine upstream face concrete repairs, Union seepage weir and valve pedestal maintenance, and Union/Utica north fork diversion dam road maintenance.

CTs – November was another quiet month for the CTs. CT1 had 6 actual starts, and one ghost start, bringing the FYTD total to 122. CT2 had 0 starts this month, with the FYTD total remaining at 43 starts. CT1 Alameda Units 1 and 2 were out for a full month for planned maintenance. CT1 Lodi has used 167 hours already out of 200 allowed. CT1 Alameda Diesel Unit 1 has used 12.8 hours of 20, and Unit 2, 11.2 hours of 20. Forced outages included a 300G relay failure, and PG&E substation work. New slides were provided per Member request for CAISO Commitment Runs.

Geo – There were no safety incidents to report for the month of November. Safety training is 93% complete. The average estimated net generation level for the month was 95.1 MW. Total estimated net generation was 68.5 GWh. CY 2021 net generation is 719.2 GWh YTD, at 8.2% over forecast. The P-7 water injection resulted in improved steam production. The vent system was repaired at the J-Site, and E-8 is preparing to be flow tested. Maintenance activities included removing and replacing fill from the mercury vessel, packed off sulfur from Srtetford process, and cleaned heat exchanger tubes. The Plant 1 Fire Protection Project is currently progressing in the second phase, with the installation of control valves, and an instrumentation cabinet. And, the Plant 2 cooling tower deluge valves were tested during the month.

12. Planning and Operations Update –

Resource Integration

- SFWPA (Members) – On schedule to start Power Management services December 19, 2021
- Ukiah Mendocino Hydro (Ukiah) - Ongoing
- Antelope Solar (NCPA) – January 2022
- Camp Far West (SVP) – January 2022
- Henrietta D Energy Storage – January 1, 2022
- Deer Creek – February 2022
- Golden Fields Solar III – March 31, 2022
- Rosamond Solar – 2022
- CT Project No. 1 – AGC Controls

13. Next Meeting – The next Facilities Committee meeting is scheduled for January 5, 2022.

ADJOURNMENT

The meeting was adjourned at 11:27 am by the Committee Chair.

**Northern California Power Agency
December 1, 2021 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	✓
TID	✓ (non-voting)
UKIAH	

