



651 Commerce Drive  
Roseville, CA 95678

phone (916) 781-3636  
fax (916) 783-7693  
web www.ncpa.com

# Minutes

---

**Date:** January 13, 2020  
**To:** NCPA Facilities Committee  
**From:** Carrie Pollo  
**Subject:** January 8, 2020 Facilities Committee Meeting Minutes

---

- 1. Call meeting to order & Roll Call** – The meeting was called to order by Committee Chair Tikan Singh at 9:05 am. A sign-in sheet was passed around. Attending via teleconference and/or on-line presentation were Alan Harbottle (Alameda), Paul Eckert (Gridley), Shiva Swaminathan, and Jim Stack (Palo Alto), Steve Hance (Santa Clara), and Willie Manual (TID). Those attending in person are listed on the attached Attendee Sign-in Sheet. Committee Representatives from BART, Biggs, Healdsburg, Plumas-Sierra, Port of Oakland, Redding, and Ukiah were absent. A quorum of the Committee was established.

## **PUBLIC FORUM**

No public comment.

- 2. Approval of Facilities Committee 2020 Chair and Vice Chair** – The Facilities Committee has appointed Brian Schinstock, City of Roseville, as the 2020 Chair and has nominated Basil Wong, City of Santa Clara, as the new Vice Chair.

Motion: A motion was made by Steve Hance and seconded by Jiayo Chiang recommending approval of the appointment of Brian Schinstock as the 2020 Chair, and nominates Basil Wong as the new Vice Chair. A vote was taken by roll call: YES = Alameda, Gridley, Lodi, Lompoc, Palo Alto, Roseville, Santa Clara, and TID. The motion passed.

The new Committee Chair Brian Schinstock, took over the meeting at this time.

- 3. Approve minutes from the November 6, 2019 Facilities Committee meeting.**

Motion: A motion was made by Jiayo Chiang and seconded by Tikan Singh recommending approval of the November 6, 2019 Facilities Committee meeting minutes. A vote was taken by roll call: YES = Alameda, Gridley, Lodi, Lompoc, Palo Alto, Roseville, Santa Clara, and TID. The motion passed.

- 4. All Generation Services Facilities, Members, SCPPA – Process Innovations, Inc. MTCSA** – Staff reviewed background information and was seeking a recommendation for Commission approval of a five-year Multi-Task Consulting Services Agreement with Process Innovations, Inc. for OSIssoft PI software support services, with a not to exceed amount of \$500,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, SCPPA, and SCPPA Members.

This is a renewal agreement with an existing vendor. It is an enabling agreement with no commitment of funds. NCPA had a previous agreement in place with Process Innovations, Inc., which is expiring. Staff have utilized this vendor in the past, and have a good working relationship. NCPA would like to continue using this vendor going forward. All purchase orders will be issued following NCPA procurement policies and procedures. Another enabling agreement is in place for similar services with DST Controls. A draft Commission Staff Report and the draft agreement were available for review.

Motion: A motion was made by Jiayo Chiang and seconded by Tikan Singh recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task Consulting Services Agreement with Process Innovations, Inc. for OSIsoft PI software support 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 all facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, or by SCPPA Members. A vote was taken by roll call: YES = Alameda, Gridley, Lodi, Lompoc, Palo Alto, Roseville, Santa Clara, and TID. The motion passed.

- 5. All Generation Services Facilities, Members, SCPPA – Premium Inspection Company MTGSA** – Staff provided background information and was seeking a recommendation for Commission approval of a five-year Multi-Task General Services Agreement with Premium Inspection Company for maintenance inspection services, with a not to exceed amount of \$500,000, for use at all facilities owned and/or operated by NCPA, NCPA Members, SCPPA, and SCPPA Members.

This is a renewal agreement with an existing vendor. It is an enabling agreement with no commitment of funds. NCPA has a current agreement in place with Premium Inspection Services, however, the agreement is restricted for use only on the Geothermal P-Site & Q-Site well workover project. The well workover project has been completed, with final invoices to be paid in February for the services. NCPA continues to have a strong working relationship with this vendor, seeks to enter into a new multi-year agreement with more expansive services, and to continue use with this vendor going forward. All purchase orders will be issued following NCPA procurement policies and procedures. Similar enabling agreements in place with other vendors include Team Industrial Services, Inc., and Quality Tong Services, Inc. A draft Commission Staff Report and the draft agreement were available for review.

Motion: A motion was made by Brian Schinstock and seconded by Tikan Singh recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task General Services Agreement with Premium Inspection Company for maintenance inspection 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 all facilities owned and/or operated by NCPA, NCPA Members, by SCPPA, or by SCPPA Members. A vote was taken by roll call: YES = Alameda, Gridley, Lodi, Lompoc, Palo Alto, Roseville, Santa Clara, and TID. The motion passed.

- 6. All Generation Services Facilities, Members, SCPPA – Fossil Consulting Services, Inc. MTCSA** – Staff reviewed background information and was seeking a recommendation for Commission approval of a five-year Multi-Task Consulting Services Agreement with Fossil Consulting Services, Inc. for services to review and update training and qualification manuals, 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 renewal agreement with an existing vendor. It is an enabling agreement with no commitment of funds. NCPA had a previous agreement in place with Fossil Consulting Services, Inc. which has since expired. Staff have utilized this vendor in the past and have a good working relationship. NCPA would like to continue using this vendor going forward. All

purchase orders will be issued following NCPA procurement policies and procedures. Another enabling agreement is in place for similar services with Reliability Management Group. A draft Commission Staff Report and the draft agreement were available for review.

Motion: A motion was made by Jiayo Chiang and seconded by Brian Schinstock recommending Commission approval authorizing the General Manager or his designee to enter into a Multi-Task Consulting Services Agreement with Fossil Consulting Services, Inc. for services related to developing, reviewing and updating training and qualification manuals, 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 all facilities owned and/or operated by NCPA, NCPA Members, by SCPA, or by SCPA Members. A vote was taken by roll call: YES = Alameda, Gridley, Lodi, Lompoc, Palo Alto, Roseville, Santa Clara, and TID. The motion passed.

- 7. All Generation Services Facilities and Members – Kimberly Fields dba K. Weatherman Logging First Amendment to MTGSA** – Staff provided background information and was seeking a recommendation for Commission approval of a First Amendment to the Multi-Task General Services Agreement with Kimberly Fields dba K. Weatherman Logging, increasing the not to exceed amount from \$235,000 to \$1,000,000 and adjusting the Scope of Work to include road and easement maintenance, for use at all facilities owned and/or operated by NCPA, and NCPA Members.

This is an enabling agreement with no commitment of funds. Similar enabling agreements in place include Ronwright Logging Lumber Construction, Inc., and Tanner Logging. With vegetation management a high priority for NCPA due to recent wildfires, this agreement will not be available as a shared services agreement with SCPA, and their Members. It will still be available to NCPA Members, however. NCPA entered into a five-year Multi-Task General Services Agreement with Kimberly Fields dba K. Weatherman Logging, effective March 21, 2019, for an amount not to exceed \$235,000. Staff anticipate additional years of aggressive vegetation management in an effort to mitigate wildfire fuel, and now desire to amend this agreement to increase the not to exceed amount from \$235,000 to \$1,000,000. All purchase orders will be issued following NCPA procurement policies and procedures. A draft Commission Staff Report and the draft agreement were available for review.

Motion: A motion was made by Brian Schinstock and seconded by Jiayo Chiang recommending Commission approval authorizing the General Manager or his designee to enter into a First Amendment to the Multi-Task General Services Agreement with Kimberly Fields dba K. Weatherman Logging, with any non-substantial changes as recommended and approved by the NCPA General Counsel, increasing the not to exceed amount from \$235,000 to \$1,000,000, expanding the Scope of Work to include heavy machinery usage and road easement maintenance, and amending the Compensation Schedule to include heavy equipment rates, for continued use at any facilities owned and/or operated by NCPA, and NCPA Members. A vote was taken by roll call: YES = Alameda, Gridley, Lodi, Lompoc, Palo Alto, Roseville, Santa Clara, and TID. The motion passed.

- 8. All Generation Services Facilities, and Members – Ronwright Logging Lumber Construction, Inc. First Amendment to MTGSA** – Staff presented background information and was seeking a recommendation for Commission approval of a First Amendment to the Multi-Task General Services Agreement with Ronwright Logging Lumber Construction, Inc., increasing the not to exceed amount from \$225,000 to \$1,000,000 and adjusting the Scope of Work to include road and easement maintenance, for use at all facilities owned and/or operated by NCPA, and NCPA Members.

This is an enabling agreement with no commitment of funds. Similar enabling agreements in place include Kimberly Fields dba K. Weatherman Logging, and Tanner Logging. With vegetation management a high priority for NCPA due to recent wildfires, this agreement will not

be available as a shared services agreement with SCPA, and their Members. It will still be available to NCPA Members, however. NCPA entered into a five-year Multi-Task General Services Agreement with Ronwright Logging Lumber Construction, Inc., effective May 14, 2018, for an amount not to exceed \$225,000. This vendor has been the successful bidder on a number of projects, and the contract is now running low on funds. Staff now desire to amend the current agreement to increase the not to exceed amount from \$225,000 to \$1,000,000. All purchase orders will be issued following NCPA procurement policies and procedures. A draft Commission Staff Report and the draft agreement were available for review.

Motion: A motion was made by Jiayo Chiang 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 General Services Agreement with Ronwright Logging Lumber Construction, Inc., with any non-substantial changes as recommended and approved by the NCPA General Counsel, increasing the not to exceed amount from \$225,000 to \$1,000,000 and expanding the Scope of Work to include road and easement maintenance, for continued use at any facilities owned and/or operated by NCPA, and NCPA Members. A vote was taken by roll call: YES = Alameda, Gridley, Lodi, Lompoc, Palo Alto, Roseville, Santa Clara, and TID. The motion passed.

- 9. All Generation Services Facilities, and Members – Tanner Logging, Inc. Second Amendment to MTGSA** – Staff provided background information and was seeking a recommendation for Commission approval of a Second Amendment to the Multi-Task General Services Agreement with Tanner Logging, Inc., increasing the not to exceed amount from \$225,000 to \$1,000,000 and adjusting the Scope of Work to include road and easement maintenance, for use at all facilities owned and/or operated by NCPA, and NCPA Members.

This is an enabling agreement with no commitment of funds. Similar enabling agreements in place include Kimberly Fields dba K. Weatherman Logging, and Ronwright Logging Lumber Construction, Inc. NCPA entered into a Five Year Multi-Task General Services Agreement with Tanner Logging, Inc. for vegetation management services on February 16, 2018. The first amendment adjusted the contract rate sheet for prevailing wages on March 29, 2018. NCPA has utilized this vendor to maintain transmission line clearances and intends to do additional aggressive vegetation management to prevent wildfires in the coming years. With vegetation management a high priority for NCPA due to recent wildfires, this agreement will not be available as a shared services agreement with SCPA, and their Members. It will still be available to NCPA Members, however. The Second Amendment will increase the not to exceed amount from \$225,000 to \$1,000,000, allowing sufficient funds to complete the additional work, as well as extra funds for other facilities and Member use for the remaining three years of this agreement. All purchase orders will be issued following NCPA procurement policies and procedures. A draft Commission Staff Report and the draft agreement were available for review.

Motion: A motion was made by Tikan Singh and seconded by Jiayo Chiang recommending Commission approval authorizing the General Manager or his designee to enter into a Second Amendment to the Multi Task General Services Agreement with Tanner Logging, Inc., with any non-substantial changes as recommended and approved by the NCPA General Counsel, increasing the not to exceed amount from \$225,000 to \$1,000,000 and expanding the Scope of Work to include road and easement maintenance, for continued use at any facilities owned and/or operated by NCPA, NCPA Members. A vote was taken by roll call: YES = Alameda, Gridley, Lodi, Lompoc, Palo Alto, Roseville, Santa Clara, and TID. The motion passed.

- 10. NCPA Geothermal Facility – Plant 1 HVAC System Project** – Staff presented background information and was seeking a recommendation for Commission approval of the NCPA Geothermal Plant 1 HVAC System Project, with a not to exceed amount of \$893,817, and granting authority to the NCPA General Manager to enter into agreements and issue purchase orders for the work, for use at NCPA's Geothermal Facility only.

The HVAC system at NCPA's Geothermal Plant 1 was originally installed in 1982. This system is no longer performing efficiently. Numerous repairs have been made over the past 10 years. More recent efforts to keep the system functional have been met with poor success. After multiple attempts to fix the existing system, a determination has been made that a new system is required. An HVAC engineering firm was hired to design a system incorporating usable components from the existing system while replacing components that are no longer functional. The Plant 1 HVAC System Project will cost approximately \$893,817. This project was deferred from the FY19 budget to FY20 budget. A draft Commission Staff Report was available for review. All purchase orders will be issued following NCPA procurement policies and procedures.

Motion: A motion was made by Jiayo Chiang and seconded by Brian Schinstock recommending Commission approval authorizing the NCPA Geothermal Plant 1 HVAC System 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 \$893,817. A vote was taken by roll call: YES = Alameda, Gridley, Lodi, Lompoc, Palo Alto, Roseville, Santa Clara, and TID. The motion passed.

**11. NCPA Geothermal Facility – Plant 2 Unit 4 NCG Steam Ejector Replacement Project –**

Staff presented background information and was seeking a recommendation for Commission approval of the NCPA Geothermal Plant 2 Unit 4 NCG Steam Ejector Replacement Project, with a not to exceed amount of \$300,000, and granting authority to the NCPA General Manager to enter into agreements and issue purchase orders for the work, for use at NCPA's Geothermal Facility only.

The NCPA Geothermal Plant 2 Unit 4 NCG Steam Ejector Replacement Project will include upgrading the existing steam ejectors at NCPA's Geothermal Plant 2. This work is part of NCPA's asset management program to ensure the plant continues to operate at an optimal level. This upgrade will increase steam production and lessen auxiliary steam usage. Staff estimate that these upgrades will result in a gain of approximately 0.25 MW in generation for the Geothermal facility. The Steam Ejector Replacement Project was included as a part of NCPA's Geothermal facility FY20 budget, and approved at the May 28, 2019 Commission meeting (Resolution 19-43). This project was originally budgeted to cost \$200,000. The forecasted project cost has increased, and staff is now seeking an additional \$100,000, for a total revised project cost not to exceed \$300,000. The additional requested funds can be absorbed within the FY20 budget, and no budget augmentation is required. A draft Commission Staff Report was available for review. All purchase orders will be issued following NCPA procurement policies and procedures.

Motion: A motion was made by Tikan Singh and seconded by Brian Schinstock recommending Commission approval authorizing the NCPA Geothermal Plant 2 Unit 4 NCG Steam Ejector Replacement Project, and delegating authority to the General Manager or his designee to award bids, execute agreements, and to issue purchase orders for the project in accordance with NCPA purchasing policies and procedures, without further approval by the Commission, for a total not to exceed amount of \$300,000. A vote was taken by roll call: YES = Alameda, Gridley, Lodi, Lompoc, Palo Alto, Roseville, Santa Clara, and TID. The motion passed.

**12. NID Services Agreement –** Staff will present and seek approval of a Services Agreement with Nevada Irrigation District, pursuant to which NCPA will supply certain scheduling and dispatch services to NID. *\*\*This item was pulled from the agenda, and will be brought back to a later Committee meeting.\*\**

**13. Amendment to SJCE Services Agreement** – Staff presented background information and was seeking Commission approval of an amendment to the Services Agreement between NCPA and the City of San José to extend the term of the Services Agreement.

NCPA entered into a Services Agreement with the City of San José on May 7, 2018, through which NCPA supplies a variety of wholesale market services to the San José Clean Energy Community Choice Aggregation Program (SJCE) that is administered by the City of José. The end of the Initial Term of the Services Agreement is August 31, 2020. SJCE has expressed interest in extending the Services Agreement through August 31, 2021, for a one year extension of services. SJCE has also requested the following modification be made to the Services Agreement which is removal of the obligation for SJCE to become its own Schedule Coordinator (SC). SJCE plans to continue working with CAISO to register as their own SC, but due to the outstanding issue with CAISO, it may take an extended period of time to complete this process. SJCE maintains a security deposit with NCPA to mitigate the risk of default.

In response to the City of San José's request to extend and modify the terms and conditions of the Services Agreement, staff has developed Amendment No. 2 to the Services Agreement to (i) extend the term of the agreement through August 31, 2021 at the end of the Initial Term, and (ii) remove the obligation for SJCE to register its own SCID and transfer its portfolio to such SCID by a defined date.

Motion: A motion was made by Tikan Singh and seconded by Brian Schinstock recommending Commission approval of Amendment No. 2 to the SJCE Services Agreement, and authorizing the General Manager of NCPA to execute Amendment No. 2 to the SJCE Services Agreement on behalf of NCPA, including any non-substantive modifications to Amendment No. 2 to the SJCE Services Agreement approved by NCPA's General Counsel. A vote was taken by roll call: YES = Alameda, Gridley, Lodi, Lompoc, Palo Alto, Roseville, and Santa Clara. ABSTAIN = TID. The motion passed.

**14. Resolution Commending Tikan Singh** – Adopt a resolution by all Facilities Committee members commending the service of Tikan Singh, acting in the role of Facilities Committee Chair during Calendar Year 2019.

Motion: A motion was made by Jiayo Chiang, and seconded by Brian Schinstock to adopt the resolution commending the service of Tikan Singh, acting in the role of Facilities Committee Chair Calendar Year 2019. All were in favor.

### **CLOSED SESSION**

Non-essential Members and NCPA staff left the meeting for the closed session item #15.

### **15. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION**

Significant exposure to litigation pursuant to Government Code section 54956.9(d) (2) – One (1) case. (*Commission Category: Closed Session; Sponsor: CTs*)

### **RECONVENED TO OPEN SESSION**

All meeting attendees rejoined the meeting.

### **REPORT FROM CLOSED SESSION**

*Closed Session Disclosure:* General Counsel Jane Luckhardt stated no reportable action was taken on the closed session item #15.

## **INFORMATIONAL ITEMS**

**16. Nexant Cost Allocation Model Billing Determinants** – Staff presented and reviewed preliminary results of the Nexant Cost Allocation Model for Fiscal Year 2021. 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 2019 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 17, 2020, and published to NCPA Connect for member review and feedback.

Staff is recommending one modification to the current Nexant Cost Allocation Model, which is to include only contract deals that have a deal status of 'Finalized' or 'Verified' in NCPA's Deal Manager System, thereby excluding any 'Submitted' deals from input into the Nexant model. This proposed change ensures that Submitted deals are not included as inputs into the Nexant model, as they represent inactive deals that do not reflect any incremental work or effort performed by either NCPA staff or system applications.

The initial allocated results for FY 2021 indicate increases to Biggs, Lompoc, and BART by approximately 27.5%, 16.5%, and 12.5% respectively, compared to the current fiscal year. Other members' amounts are either decreasing or slightly increasing. Staff reviewed the underlying operational data and provided analysis regarding the cost drivers that resulted in the relative percentage change in allocations to members.

The final proposed modifications for the FY 2021 Nexant Cost Allocation Model determinants results will be presented at the next Facilities Committee meeting February 5, 2020. Staff will seek a recommendation for Commission approval at that time.

**17. Meter Maintenance Program Agreement** – The Meter Maintenance Program Agreement with contracting Members expired on December 31, 2019. NCPA, on behalf of contracting Members, manages the Meter Maintenance Program Agreement. This agreement has been made for the purpose of monitoring, maintaining, and repairing Supervisory Control and Data Acquisition (SCADA) systems metering equipment, including the California Independent System Operator (CAISO) revenue quality metering equipment. Staff will develop a new Program agreement, and bring this agreement back to the Facilities Committee for review and approval. All contracting Members will need to sign the new Meter Maintenance Program Agreement. NCPA will still continue monitoring and maintaining the meters on behalf of the Members.

**18. Update to 2020 Major Insurance Renewal** – Staff provided an update regarding the NCPA major insurance renewals for 2020. All the term limits were under the not to exceed amounts that were presented at the last Facilities Committee meeting, with some wildfire exclusions, due to the high risk. NCPA liability for 2019 included coverage up to \$75 million, however, this year the agency will be covered for up to \$35 million. Insurance is becoming a real challenge in California due to the ongoing high risk of wildfires.

All insurance programs have been secured with the same terms as previously discussed. The property insurance amount is \$2.5 million for the 2020 renewal, which was \$2.0 million in 2019, so an increase of \$500,000 for 2020. The not to exceed amount was \$2.615 million. Currently, \$2.2 million is in the FY20 budget, but staff believe NCPA will have enough capacity in other areas to absorb the overage amount. The liability amount, which is included under casualty insurance, will be \$974,000 for the 2020 renewal, which was \$638,000 in 2019. The FY20 budget includes \$729,000 for this, however, staff believe NCPA will have enough capacity in other areas to absorb this overage amount as well. Staff will research other insurance options going forward and bring these back to the Committee for further discussion.

**19. NCPA Hydroelectric Facility – Hydro Wildfire Risk Mitigation Project** – Based on SB901 requirements, Hydro staff presented information regarding the proposed Hydro Wildfire Risk Mitigation Project, including background on the budget. Focus areas include minimizing sources of ignition, resiliency of the electric grid, and measuring effectiveness. This plan also identifies risks and priorities, addresses power shutoffs and disabling re-closers, inspections, vegetation management, and performance metrics.

Transmission hardware and line maintenance are very high priorities at the Hydro Project. The Polymer insulators are approximately 30 years old, and need to be replaced, as well as other maintenance to the transmission system. The wildfire risk mitigation recommendations, per Power Engineers, for the NCPA Hydro Project include replacement of Collierville Bellota 230KV line insulators and hardware, hardening of the McKays 17KV line, and ground clearance at the Collierville Powerhouse. The approximate costs for these proposed projects are \$2.7 million, \$250,000, and \$50,000 respectively totaling \$3 million. These would be one time system hardening costs. Other recurring recommendations include additional annual vegetation management, and hardware inspections every five years. Costs for the recurring operations and maintenance are \$250,000, and \$175,000 totaling \$425,000. The total cost for all projects is approximately \$3,425,000.

**20. NCPA Geothermal Facility – Geo Wildfire Risk Mitigation Project** – Based on SB901 requirements, Geo staff presented information regarding the proposed Geo Wildfire Risk Mitigation Project, including background on budget. Focus areas include minimizing potential sources of ignition, improving resiliency of the electrical system, and measuring effectiveness of the plan.

During Public Safety Power Shut-Off (PSPS) Events the Geothermal facility will shut down the 21KV electrical distribution lines, and suspend all non-critical hot work. Staff plan to develop a Geo-646 Maintenance Procedure to include maintenance details, and inspection of the critical infrastructure. Areas of critical infrastructure include the 230KV transmission lines, 21KV electrical distribution lines, the Southeast Geysers Effluent Pipeline (SEGEP) Pump Stations, and Steam Field controls and instrumentation. Vegetation management is also very critical at the Geo facilities which will require additional outsourcing of services, purchase or rental of equipment, and additional staff or outsourcing of labor. Fire break maintenance will also remain a high priority. Staff recommend updated signage per Cal Fire, transmission tower repairs, an herbicide sprayer, and possibly a water truck. These recommendations cost approximately \$535,000. Annual operations and maintenance costs will see an increase of approximately \$350,000 for equipment leases including a 40/36 drum chipper, tree masticator, and bulldozer, plus additional surveys and contracted services. Surveys will include PSPS drone surveys, lidar surveys, and vegetation management. Total cost increase is approximately \$885,000 for all the staff recommendations.

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

**Geo** – There were no safety incidents to report at Geo for the months of November and December 2019. Vegetation management continues with work being done by Cal Fire. The net generation for Plant #2 was 51.8 MW. Plant #1 is off line due to the Lakeville Transmission line still out of service from the Kincade fire. YTD net generation was 655.8 GWhr, which is 8.5% below forecasted. The 2019 estimated net generation forecast was 716.9 GWhrs. The estimated loss from the Kincade fire is 100 GWhrs. Projects and maintenance originally scheduled for April 2020 are being accelerated for sooner completion.

**CTs** – The November operations were very busy for both CT 1 and 2, including 16 actual starts, with 10 in real time for CT1. Four starts were forecasted, bringing the FYTD to 176. CT1 also had 9 “Ghost” starts during the month included in that total. CT2 had eight actual starts, with 0 forecasted for a FYTD of 36 total starts. The December operations were not quite as busy for



both CTs. Which included six actual starts, with five in real time, of 20 forecasted for CT1, bringing the FYTD to 182 total. CT2 had 0 actual starts with two forecasted for a FYTD of 36. There were five forced outages, during November. Three outages were at CT2 for work on bellows, excitation, and the HP steam temperature. The Alameda units each had one outage. Alameda Unit 1 outage was for bleed valves and the fire system. Alameda Unit 2 was for the air blower. Three forced outages occurred in December. One for bleed valves in Lodi. Then one for gas compression, and one for the control switch at Alameda Unit 2. There were no planned outages scheduled for either November or December.

**Hydro** – Both units were out at Collierville October 10-11, 2019 for dual unit trip tests, fire system maintenance, and tunnel intake trash rack cleaning. Annual maintenance was also done in October for Collierville Unit 1, and in November for Collierville Unit 2. Hydro priorities include working through the CMMS backlog, documentation and project management, and routine regulatory reporting. The current precipitation totals are 66% of average for rainfall, and at 83% for the snowpack. Staff at Hydro may start doing a rain dance for more rain and snow.

**22. Planning and Operations Update** – No report was given at this meeting. Staff will provide an update at the next Committee meeting.

**23. Schedule next meeting date** – The next regular Facilities Committee meeting is scheduled for February 5, 2020.

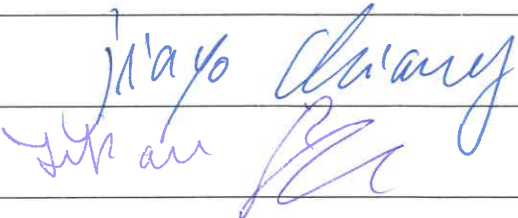

### **ADJOURNMENT**

The meeting was adjourned at 12:35 pm.



**Northern California Power Agency  
January 8, 2020 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>	
<b>LOMPOC</b>	
<b>PALO ALTO</b>	
<b>PLUMAS-SIERRA REC</b>	
<b>PORT OF OAKLAND</b>	
<b>REDDING</b>	
<b>ROSEVILLE</b>	
<b>SANTA CLARA</b>	
<b>TID</b>	
<b>UKIAH</b>	