



Commission Staff Report

COMMISSION MEETING DATE: October 24, 2024

SUBJECT: Approve Second Amended Resolution 21-120 Authorizing Northern California Power Agency's General Manager to Execute Second Amended Confirmation Number 0236 for CLEAResult Consulting Inc. Services to the City of Santa Clara/Silicon Valley Power Expanding the Scope of Services and Increasing the Not to Exceed Amount, and Issue a Corresponding Change Order to the Existing Purchase Order Under the Support Services Program for Services through December 17, 2025

AGENDA CATEGORY: Consent

FROM:	Monty Hanks Chief Financial Officer/Assistant General Manager	METHOD OF SELECTION: <i>Other</i>
Division:	Administrative Services	<i>Santa Clara Acknowledged Satisfaction of its Purchasing Policies</i>
Department:	Accounting & Finance	

IMPACTED MEMBERS:		
All Members <input type="checkbox"/>	City of Lodi <input type="checkbox"/>	City of Shasta Lake <input type="checkbox"/>
Alameda Municipal Power <input type="checkbox"/>	City of Lompoc <input type="checkbox"/>	City of Ukiah <input type="checkbox"/>
San Francisco Bay Area Rapid Transit <input type="checkbox"/>	City of Palo Alto <input type="checkbox"/>	Plumas-Sierra REC <input type="checkbox"/>
City of Biggs <input type="checkbox"/>	City of Redding <input type="checkbox"/>	Port of Oakland <input type="checkbox"/>
City of Gridley <input type="checkbox"/>	City of Roseville <input type="checkbox"/>	Truckee Donner PUD <input type="checkbox"/>
City of Healdsburg <input type="checkbox"/>	City of Santa Clara <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
<i>If other, please specify</i>		
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RECOMMENDATION:

Approve Second Amended Resolution 21-120 authorizing the NCPA General Manager or his designee to execute Second Amended Confirmation Number 0236 for CLEAResult Consulting, Inc. (CLEAResult) services to the City of Santa Clara/Silicon Valley Power expanding the scope of services and increasing the not-to-exceed amount, with any non-substantive changes as approved by the NCPA General Counsel, and issue a Change Order to the existing Purchase Order to CLEAResult for electric vehicle charging infrastructure assistance, electrification education, electrification assessment services, and ChooseEV Online Commercial Fleet Tools through December 17, 2025.

BACKGROUND:

The City of Santa Clara/Silicon Valley Power (SVP) became a signatory to the NCPA Support Services Program Agreement (SSPA) on May 24, 2016, which agreement authorizes among other things, the purchase or acquisition of goods and services by NCPA Members through use of NCPA's agreements with its vendors.

NCPA entered into a Multi-Task Consulting Services Agreement with CLEAResult Consulting Inc. (CLEAResult MTCSA) effective December 18, 2020, for electric vehicle (EV) education, electrification education, and additional energy efficiency related services through December 17, 2023. Subsequently, effective April 27, 2023, the CLEAResult MTCSA was amended to extend its term for an additional two years through December 17, 2025.

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 to coincide with the original term of the CLEAResult MTCSA. Per the CLEAResult proposal and SVP Task Request, the cost for the services was not-to-exceed \$417,723.00. Subsequently, at SVP's request, Amended Confirmation Number 0236 was approved and executed extending the services through December 17, 2025.

The Santa Clara City Council authorized Confirmation Number 0236 on January 25, 2022, and included in its authorization the prior Amended Confirmation dated March 7, 2024, and this Second Amended Confirmation under its Report to Council 22-1310, specifically that the City Manager may increase the maximum compensation and extend the term of the Confirmation, subject to NCPA's extension of the term of the CLEAResult MTCSA.

In August 2024, SVP submitted a Member Task Request under the SSPA to further amend Confirmation No. 0236 to add additional services including Electrification Education-Fleet Electrification and Fleet Cohort and ChooseEV Online Commercial Fleet Tools License and increase the services not-to-exceed amount from \$417,723.00 to not-to-exceed \$598,453.00.

If approved by the Commission, Second Amended Confirmation Number 0236 states that NCPA agrees to provide the requested services through the CLEAResult MTCSA, as amended, through December 17, 2025, in the amount of not-to-exceed \$598,453.00. With the addition of NCPA's administrative fees through December 2025 of not-to-exceed \$8,605.00, the total amount expended under the Second Amended Confirmation will not exceed \$607,058.00.

FISCAL IMPACT:

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.

SELECTION PROCESS:

SVP will utilize CLEAResult's services through NCPA's Support Services Program. SVP has confirmed through submission of its Task Request that it is responsible for satisfying SVP's Purchasing Policies.

ENVIRONMENTAL ANALYSIS:

This activity would not result in a direct or reasonably foreseeable indirect change in the physical environment and is therefore, not a "project" for purposes of Section 21065 of the California Environmental Quality Act. No environmental review is necessary.

COMMITTEE REVIEW:

On October 23, 2024, the Facilities Committee will review the recommendation above for Commission approval.

Respectfully submitted,

RANDY S. HOWARD
General Manager

Attachments:

- Second Amended Resolution 21-120
- Draft Second Amended Confirmation Number 0236

SECOND AMENDED RESOLUTION 21-120

SECOND AMENDED RESOLUTION OF THE NORTHERN CALIFORNIA POWER AGENCY AUTHORIZING THE GENERAL MANAGER TO EXECUTE SECOND AMENDED CONFIRMATION NUMBER 0236 FOR CLEAResult CONSULTING INC. SERVICES TO CITY OF SANTA CLARA/SILICON VALLEY POWER EXPANDING THE SCOPE OF SERVICES AND INCREASING THE NOT TO EXCEED AMOUNT, AND ISSUE A CORRESPONDING CHANGE ORDER TO THE EXISTING PURCHASE ORDER UNDER THE SUPPORT SERVICES PROGRAM THROUGH DECEMBER 17, 2025

(reference Staff Report #250:24)

WHEREAS, the City of Santa Clara/Silicon Valley Power (SVP) became a signatory to the NCPA Support Services Program Agreement (SSPA) on May 24, 2016, which agreement authorizes among other things, the purchase or acquisition of goods and services by NCPA Members through use of NCPA's agreements with its vendors; and

WHEREAS, NCPA entered into a Multi-Task Consulting Services Agreement with CLEAResult Consulting Inc. (CLEAResult MTCSA) effective December 18, 2020, for electric vehicle (EV) education, electrification education, and additional energy efficiency related services through December 17, 2023. Subsequently, effective April 27, 2023, the CLEAResult MTCSA was amended to extend its term for an additional two years through December 17, 2025; and

WHEREAS, 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 to coincide with the original term of the CLEAResult MTCSA for not-to-exceed \$417,723.00. Subsequently, at SVP's request, Amended Confirmation Number 0236 was approved and executed effective March 7, 2024, extending the services through December 17, 2025; and

WHEREAS, the Santa Clara City Council authorized Confirmation Number 0236 on January 25, 2022, and included in its authorization the prior Amended Confirmation and this Second Amended Confirmation under its Report to Council 22-1310, specifically that the City Manager may increase the maximum compensation and extend the term of the Confirmation, subject to NCPA's extension of the term of the CLEAResult MTCSA; and

WHEREAS, the Second Amended Confirmation Number 0236 adds additional services including Electrification Education-Fleet Electrification and Fleet Cohort and ChooseEV Online Commercial Fleet Tools License and increases the not-to-exceed amount from \$417,723.00 to not-to-exceed \$598,453.00; and

WHEREAS, the Second Amended Confirmation Number 0236 states that NCPA will provide the requested services through the CLEAResult MTCSA, as amended, through December 17, 2025, in the amount of not-to-exceed \$598,453.00. With the addition of NCPA's administrative fees through December 2025 of not-to-exceed \$8,605.00, the total amount expended under the Second Amended Confirmation will not exceed \$607,058.00; and

WHEREAS, this activity would not result in a direct or reasonably foreseeable indirect change in the physical environment and is therefore, not a “project” for purposes of Section 21065 the California Environmental Quality Act. No environmental review is necessary; and

NOW, THEREFORE BE IT RESOLVED, under the terms of the NCPA Support Services Program Agreement, the Commission of the Northern California Power Agency authorizes the NCPA General Manager or his designee to execute Second Amended Confirmation Number 0236, for CLEAResult Consulting, Inc. (CLEAResult) services to the City of Santa Clara/Silicon Valley Power expanding the scope of services and increasing the not-to-exceed amount, with any non-substantive changes as approved by the NCPA General Counsel, and issue a Change Order to the existing Purchase Order to CLEAResult for electric vehicle charging infrastructure assistance, electrification education, electrification assessment services, and ChooseEV Online Commercial Fleet Tools License through December 17, 2025.

PASSED, ADOPTED and APPROVED this ____ day of _____, 2024, by the following vote on roll call:

	<u>Vote</u>	<u>Abstained</u>	<u>Absent</u>
Alameda	_____	_____	_____
San Francisco BART	_____	_____	_____
Biggs	_____	_____	_____
Gridley	_____	_____	_____
Healdsburg	_____	_____	_____
Lodi	_____	_____	_____
Lompoc	_____	_____	_____
Palo Alto	_____	_____	_____
Port of Oakland	_____	_____	_____
Redding	_____	_____	_____
Roseville	_____	_____	_____
Santa Clara	_____	_____	_____
Shasta Lake	_____	_____	_____
Truckee Donner	_____	_____	_____
Ukiah	_____	_____	_____
Plumas-Sierra	_____	_____	_____

JENELLE OSBORNE
CHAIR

ATTEST:

CARRIE POLLO
ASSISTANT SECRETARY

SECOND AMENDED CONFIRMATION NO. 0236 UNDER THE NCPA SUPPORT SERVICES PROGRAM AGREEMENT

1. As of March 1, 2022, the Northern California Power Agency (“NCPA”) and the CITY OF SANTA CLARA (“SANTA CLARA” or “Participating Member”) executed Confirmation No. 0236 for CLEAResult Consulting Inc (“CLEAResult” or “Consultant”) services to SANTA CLARA in the amount of not-to-exceed \$417,723.00 pursuant to the Support Services Program Agreement dated as of February 25, 2016, and subject to the terms and conditions of that agreement. SANTA CLARA became a signatory to the Support Services Program Agreement on May 24, 2016.

2. Effective March 7, 2024, NCPA and SANTA CLARA executed Amended Confirmation No. 0236 to extend the term of CLEAResult’s services to SANTA CLARA through December 17, 2025, and modify the Scope of Services accordingly, to coincide with the term of the Multi-Task Consulting Services Agreement entered into between NCPA and CLEAResult.

3. This confirmation is a further amendment of Amended Confirmation No. 0236 which NCPA and Participating Member made pursuant to the Support Services Program Agreement and subject to the terms and conditions of that agreement, except as expressly provided in this Second Amended Confirmation. All capitalized terms have the meaning given to them in the Support Services Program Agreement.

4. The Participating Member for this Second Amended Confirmation requests the CLEAResult services described in paragraph 5 in the amount not-to-exceed \$598,453.00.

5. The Participating Member requests Support Services more fully described in the attached “Statement of Work for EV Charging Outreach and Technical Assistance for Silicon Valley Power” (Attachment A) dated for reference October 16, 2024. NCPA agrees to provide these Support Services to the Participating Member through its Multi-Task Consulting Services Agreement with CLEAResult Consulting Inc. dated December 18, 2020, as amended.

6. The Participating Member executing this Second Amended Confirmation agrees to pay for the Support Services in the not-to-exceed amount of \$598,453.00; plus, the Administrative Cost of not-to-exceed \$8,605.00 (calculated at \$685.00 to develop the Confirmation and first month of administration plus \$165.00 per month for each additional month administrative costs are actually incurred through December 2025), in accordance with the provisions of the Support Services Program Agreement. The total amount expended under Confirmation No. 236, as hereby amended, will not exceed \$607,058.00.

7. A Security Account deposit is not required for this Amended Confirmation.

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8. The Santa Clara City Council authorized Confirmation No. 0236 on January 25, 2022, and both the amended confirmation and this Second Amended Confirmation No. 0236 under Report to Council 22-1310.

Date: _____

Date: _____

Participating Member:

CITY OF SANTA CLARA
By its Designated Representatives:

NORTHERN CALIFORNIA POWER AGENCY

Office of the City Manager

Randy S. Howard, General Manager

And

Office of the City Attorney

Assistant Secretary to Commission

Approved as to form:

Jane E. Luckhardt, NCPA General Counsel

STATEMENT OF WORK FOR EV CHARGING OUTREACH AND TECHNICAL ASSISTANCE FOR SILICON VALLEY POWER

1. Statement of Work. THIS STATEMENT OF WORK FOR ELECTRIC VEHICLE (“EV”) CHARGING OUTREACH AND TECHNICAL ASSISTANCE SERVICES TO SILICON VALLEY POWER (this “**SOW**”) is pursuant to the terms and conditions of that certain Multi-Task Consulting Services Agreement between the Northern California Power Agency (“**NCPA**”) and CLEAResult Consulting Inc. (“**CLEAResult**”), dated December 18, 2020 (the “Agreement”), as amended. Capitalized terms not defined in this SOW are as defined in the Agreement.
2. General Scope. As required in the Agreement, this SOW defines the Services. The Parties intend for CLEAResult to perform electrification education and technical assistance services for Silicon Valley Power, a member of NCPA (“**SVP**”). The Parties acknowledge and agree that there are no installation services included under this SOW and that no work is allowed under this SOW that would qualify as a public works project under the California Public Contracts Code.
3. Term. The term of this SOW is from the date of signature by CLEAResult on a revised existing purchase order (PO 54093) issued by NCPA (“Purchase Order”) (“the Effective Date”) through December 17, 2025.
4. Budget. The budget for this SOW is not-to-exceed (“NTE”) \$598,453.00. The tables below provide the estimated budget per task. As requested or approved by SVP in writing (email is sufficient), CLEAResult may shift budget between tasks to meet the needs of SVP and SVP’s customers.

Table 1. EV Charging Infrastructure Technical Assistance (Extension)

Task No.	Task Name	Budget
1.1	Strategy & Program Management	\$50,000
1.2	Marketing, Outreach & Education	\$80,000
1.3	EV Site Assessments	\$170,378
1.4	Vendor & Trade Ally Management	\$17,438
1.5	Installation Support	\$57,657
Total		\$375,473

Table 2. Electrification Education – Electrification Assessments (Extension)

Task No.	Task Name	Budget
2.1	Program Management	\$14,850
2.2	Up to 100 Home Electrification Assessments	\$27,400
Total		\$42,250

Table 3. Electrification Education – Fleet Electrification and Fleet Cohort

Task No.	Task Name	Budget
3.1	Fleet Market Assessment and Outreach	\$12,500
3.2	City of Santa Clara Fleet Electrification Plan Refresh	\$38,280
3.3	Fleet Electrification Cohort (up to 7 fleets)	\$89,950
Total		\$140,730

Table 4. ChooseEV OnlineCommercial Fleet Tools License

Task No.	Task Name	Budget
4.1	Commercial Fleet Tools & Services (Prorated Fixed Fee)	\$40,000

Total	\$40,000
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- A. Billing Rates. This SOW is based upon a combination of fixed-price and time and materials charges and CLEAResult will bill for completed fixed-price activities, authorized hourly services and expenses monthly. Hourly billing increments will be by the quarter hour. For example, only, Services of 15 minutes of time or fewer will be billed as 15 minutes, 16 to 30 minutes will be billed as 30 minutes, etc. Annually on each anniversary of the Purchase Order date, the rates will increase by 3%. Rate increases are included in Table 11 below. The following customer definitions are applicable to Table 3 below only
- i. Small multifamily customer – A multifamily property where 1 electrical meter (e.g. the “house” meter) is evaluated for EV charging installation.
 - ii. Medium multifamily customer – A multifamily property where 2-3 electrical meters are evaluated for EV charging installation
 - iii. Large multifamily customer:
 - a. A multifamily property where 4 or more electrical meters are evaluated for EV charging, or
 - b. Any multifamily property with more than 50 dwelling units
 - iv. Small business customer – Any non-multifamily, business service address with maximum annual electric demand ≤ 200 kW
 - v. Large business customer – Any non-multifamily, business service address with maximum annual electric demand > 200 kW

Table 5. EV Charging Infrastructure Technical Assistance (Extension) – Client Fee

Activity	12/18/20 – 12/17/21	12/18/21 – 12/17/22	12/18/22 – 12/17/23	12/18/23 – 12/17/24	12/18/24 – 12/17/25
1.3 EV Site Assessment - Small multifamily customer	\$2,100	\$2,163	\$2,228	\$2,295	\$2,364
1.3 EV Site Assessment - Medium multifamily customer	\$2,750	\$2,833	\$2,917	\$3,005	\$3,095
1.3 EV Site Assessment - Large multifamily customer (a)	\$4,000	\$4,120	\$4,244	\$4,371	\$4,502
1.3 EV Site Assessment - Large multifamily customer (b)	\$3,750	\$3,863	\$3,978	\$4,098	\$4,221
1.3 EV Site Assessment - Small business customer	\$2,300	\$2,369	\$2,440	\$2,513	\$2,589
1.3 EV Site Assessment - Large business customer	\$3,750	\$3,863	\$3,978	\$4,098	\$4,221

Table 6. EV Charging Infrastructure Technical Assistance (Extension) – Customer Copay

Activity	12/18/20 – 12/17/21	12/18/21 – 12/17/22	12/18/22 – 12/17/23	12/18/23 – 12/17/24	12/18/24 – 12/17/25
1.3 EV Site Assessment - Small multifamily customer	\$0	\$0	\$0	\$0	\$0
1.3 EV Site Assessment - Medium multifamily customer	\$0	\$0	\$0	\$0	\$0
1.3 EV Site Assessment - Large multifamily customer (a)	\$0	\$0	\$0	\$0	\$0
1.3 EV Site Assessment - Large multifamily customer (b)	\$250	\$250	\$250	\$250	\$250
1.3 EV Site Assessment - Small business customer	\$0	\$0	\$0	\$0	\$0
1.3 EV Site Assessment - Large business customer	\$250	\$250	\$250	\$250	\$250

Revised 10/16/2024

Table 7. Electrification Education – Electrification Assessments (Extension) – Client Fee

Activity	12/18/20 – 12/17/21	12/18/21 – 12/17/22	12/18/22 – 12/17/23	12/18/23 – 12/17/24	12/18/24 – 12/17/25
2.2. Home Electrification Survey - In-Person*	\$350	\$361	\$371	\$382	\$394
2.2. Home Electrification Survey - Virtual	\$250	\$258	\$265	\$273	\$281

* CLEAResult will follow all applicable federal, state, and local health guidelines regarding in-person events.

Table 8. Electrification Education – Electrification Assessments (Extension) – Customer Copay

Activity	12/18/20 – 12/17/21	12/18/21 – 12/17/22	12/18/22 – 12/17/23	12/18/23 – 12/17/24	12/18/24 – 12/17/25
2.2. Home Electrification Survey - In-Person*	\$50	\$50	\$50	\$50	\$50
2.2. Home Electrification Survey - Virtual	\$50	\$50	\$50	\$50	\$50

* CLEAResult will follow all applicable federal, state, and local health guidelines regarding in-person events.

Table 9. Electrification Education – Fleet Electrification and Fleet Cohort

Activity	Client Fee
3.1 Fleet Market Assessment & Outreach	\$12,500
3.2 City of Santa Clara Fleet Electrification Plan Refresh	\$38,280
3.3 Fleet Electrification Cohort, per fleet	\$12,850

Table 10. ChooseEV Online Commercial Fleet Tools License

Activity	Rate (through 12/17/25)
4.1 Commercial / Fleet Tools	\$40,000

Table 11. Time & Materials Hourly Rates

Activity	12/18/20 – 12/17/21	12/18/21 – 12/17/22	12/18/22 – 12/17/23	12/18/23 – 12/17/24	12/18/24 – 12/17/25
Director	\$201	\$207	\$213	\$220	\$226
Sr. Manager	\$165	\$170	\$175	\$180	\$186
Manager	\$131	\$135	\$139	\$143	\$147
Program Analyst	\$100	\$103	\$106	\$109	\$113
Account Manager	\$118	\$122	\$125	\$129	\$133
Sr. Energy Advisor	\$96	\$99	\$102	\$105	\$108

Energy Advisor	\$76	\$78	\$81	\$83	\$86
Sr. Engineer	\$177	\$182	\$188	\$193	\$199
Engineer	\$136	\$140	\$144	\$149	\$153
Sr. Designer	\$116	\$119	\$123	\$127	\$131
Incentive Processor	\$57	\$59	\$60	\$62	\$64
Contact Center Representative	\$45	\$46	\$48	\$49	\$51
Estimated Direct Expenses					
Marketing, Email, Digital, Printing (billed at cost)			\$5,000.00		

CLEAResult will provide NCPA with itemized invoices for services each period by Task No., and in accordance with the terms of the Agreement.

B. Payment. NCPA will make payment in accordance with the terms of the Agreement.

5. SVP Obligations.

- a. Review and approval of program documents and marketing collateral
- b. Customer account information for program marketing and outreach
- c. Electricity consumption data for customers participating in the program
- d. Upon request, consultation with principal estimator on EV projects with likely distribution upgrade needs
- e. Enter a Subscription Agreement for the ChooseEV Online Commercial Fleet Tools License, as required in the Agreement
- f. Supply previously developed fleet electrification plan as basis for refresh

6. Tasks. CLEAResult shall perform the following:

a. Task 1: EV charging Infrastructure Technical Assistance

Task	Description	Due Date
1.1 Strategy & Program Management	<ol style="list-style-type: none"> a. Host kickoff meeting with SVP to review workplan b. Prepare program strategy document detailing target audience, goals, and marketing and delivery approach ("Strategy Plan") c. Prepare program documents, including as necessary application, participation and data sharing agreement, and report template d. Prepare initial marketing collateral in accordance with SVP's brand guidelines ("Marketing Collateral"). All collateral developed for the program belongs to Silicon Valley Power. e. Provide content calendar, approved outreach language, graphics and all design files to SVP f. Launch program, deploying customer-facing application and marketing g. Provide monthly progress reports to SVP h. Meet monthly, or less frequently if SVP prefers, to review progress and resolve any issues 	Ongoing
1.2 Marketing, Outreach & Education	<ol style="list-style-type: none"> a. Execute program strategy according to Strategy Plan b. Maintain and enhance Marketing Collateral c. Host customer webinars for prospective participants in the program to educate customers about the benefits of installing EV charging and the customer services provided by the program. d. Conduct direct phone, email, and in-person outreach to educate and enroll eligible SVP customers 	Ongoing
1.3 EV Site Assessments	<p>For each site assessment:</p> <ol style="list-style-type: none"> a. Conduct pre-assessment meeting with eligible SVP customer to learn about their property, any objectives they have for an EV charging project, and schedule the site assessment b. Prepare for assessment by gathering and reviewing remotely accessible data, which may include aerial photos, customer electricity consumption data, utility distribution infrastructure capacity, and digitized single line drawings c. Conduct an onsite or virtual site assessment, as determined by 	Ongoing, with customer solutions delivered within 30 days of site assessment

	<p>customer preference, and collect information about the location, dimensions, and capacity of parking and electrical infrastructure</p> <p>d. Analyze data collected and prepare one or more EV charging solutions for the customer that describe the scope for EV charging and supporting infrastructure, including available incentives</p> <p>e. Consult with SVP engineering team for input on projects that appear to require a transformer upgrade</p> <p>f. Provide report to SVP and make required revisions as requested by SVP before delivering to the customer.</p> <p>g. Provide report to customer and host an online meeting with the customer to review the report and determine next steps for them to select a solution and move forward with installation</p>	
1.4 Vendor & Trade Ally Management	<p>a. Solicit applications from local electrical contractors, screen the applications and develop a qualified installer ("Trade Ally") list</p> <p>b. Monitor customer satisfaction with Trade Allies and address any performance issues by Trade Ally training or disciplinary action, which may include removal from the Trade Ally list</p> <p>c. Either utilize an existing electric vehicle supply equipment (EVSE) qualified product list (QPL) or develop a new qualified list through a request for qualifications that is specific to SVP's needs</p> <p>d. Monitor the EVSE and update annually</p>	Ongoing
1.5 Installation Support	<p>a. Provide customer list of Trade Allies (defined below) to perform installation</p> <p>b. Assist customers with the process of requesting and reviewing bids from Trade Allies or customers own identified contractors</p> <p>c. Review design documents when requested by customer to confirm alignment with scope and identify potential issues and make cost-saving recommendations</p> <p>d. Engage with the customer and selected installation contractor as needed throughout installation to address questions and troubleshoot installation or permitting issues</p> <p>e. Upon completion, verify proper charger installation and commissioning of the chargers and evaluate customer satisfaction with the project</p>	Ongoing

b. Task 2: Electrification Education – Electrification Assessments

Task	Description	Due Date
2.1 Program Management	<p>a. Prepare program documents, including as necessary application, participation and data sharing agreement, and report template</p> <p>b. Provide monthly progress reports</p> <p>c. Meet with SVP as needed to review progress and resolve any issues</p> <p>d. Respond to customer pre- or post-assessment questions (up to 30 minutes per customer, then SVP email approval required to continue)</p>	Ongoing
2.2 Home Electrification Assessments	<p>For each site assessment:</p> <p>a. Collect and review customer utility usage data</p> <p>b. Discuss and document the customer objectives, such as emission</p>	Ongoing, with customer reports delivered within 14

	<p>reductions, cost savings, indoor air quality or others</p> <p>c. Conduct an onsite* or virtual electrification assessment, as determined by customer preference, to collect information about the customer heating, cooling, hot water, and cooking appliances</p> <p>d. Evaluate customer data to identify electrification measures, estimate costs, and identify any available incentives</p> <p>e. Deliver home electrification assessment report to customer that identifies electrification opportunities</p>	days of site assessment
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* CLEAResult will follow all applicable federal, state, and local health guidelines regarding in-person events.

c. Task 3: Electrification Education – Fleet Electrification and Fleet Cohort

Task	Description	Due Date
3.1 Fleet Market Assessment and Outreach	<p>a. Identification and segmentation of fleets in Company's service territory, with estimates of potential electricity use (kWh and kW) presented as a Microsoft PowerBI map and database</p> <p>b. Outreach to prioritized customers to enroll up to 7 fleet owners/managers in a Fleet Electrification Cohort</p>	Database access within 6 weeks of issuance of revised Purchase Order
3.2 City of Santa Clara Fleet Electrification Plan Refresh	<p>a. Participation in a Fleet Electrification Cohort, as described in Task 1.3</p> <p>b. Goal Refresh and Stakeholder Engagement</p> <p>c. Vehicle Replacement Plan Refresh</p> <p>d. Charging Infrastructure Scope Refresh</p> <p>e. Funding Sources Refresh</p> <p>f. Total Cost of Ownership (TCO) and Emissions Refresh</p> <p>g. Fleet Electrification Plan Report Refresh</p>	Plan Refresh completed by 2/28/2025
3.3 Fleet Electrification Cohort	<p>a. Deliver six, interactive, virtual workshops, 90 minutes in length</p> <p>b. Provide participants with these tools and templates to complete a fleet electrification roadmap</p> <p>c. Provide participants one-on-one support with troubleshooting, questions, and analysis</p> <p>d. EV Site Assessments, where applicable, to be provided under Task 1</p>	Cohort completed by 9/30/2025

d. Task 4: ChooseEV Online Commercial Fleet Tools License

Task	Description	Due Date
4.1 Commercial / Fleet Tools	<p>a. Electric Vehicle Fleet ("EV") Benefits Landing Page</p> <p>b. Vehicle Models & Savings</p> <p>c. Advanced Fleet Conversion Savings Estimator & Charging Planner</p> <p>d. Simple Fleet Conversion Savings Estimator & Charging Planner</p> <p>e. EV & Plug-in Hybrid Electric Vehicle (PHEV) Model Review Tool</p> <p>f. Commercial Charging Equipment Review Tool</p> <p>g. Tax Credits and Incentives</p> <p>h. Case Studies</p> <p>i. Commercial / Fleet Tools License is a separate license from SVP's current ChooseEV instance</p>	Configuration within 4 weeks of issuance of revised Purchase Order



Commission Staff Report – *DRAFT*

COMMISSION MEETING DATE: October 24, 2024

SUBJECT: 2025 Geothermal FY24 Encumbrance Request; Applicable to the following:
Northern California Power Agency (NCPA) Geothermal Facility.

AGENDA CATEGORY: Discussion/Action

FROM:	Mike DeBortoli	METHOD OF SELECTION:
	Assistant General Manager	N/A
Division:	Generation Services	<i>If other, please describe:</i>
Department:	Geothermal	

IMPACTED MEMBERS:		
All Members	<input type="checkbox"/>	City of Lodi <input checked="" type="checkbox"/>
Alameda Municipal Power	<input checked="" type="checkbox"/>	City of Lompoc <input checked="" type="checkbox"/>
San Francisco Bay Area Rapid Transit	<input type="checkbox"/>	City of Palo Alto <input type="checkbox"/>
City of Biggs	<input checked="" type="checkbox"/>	City of Redding <input type="checkbox"/>
City of Gridley	<input checked="" type="checkbox"/>	City of Roseville <input checked="" type="checkbox"/>
City of Healdsburg	<input checked="" type="checkbox"/>	City of Santa Clara <input checked="" type="checkbox"/>
		City of Shasta Lake <input type="checkbox"/>
		City of Ukiah <input checked="" type="checkbox"/>
		Plumas-Sierra REC <input checked="" type="checkbox"/>
		Port of Oakland <input type="checkbox"/>
		Truckee Donner PUD <input type="checkbox"/>
		Other <input checked="" type="checkbox"/>
	<i>If other, please specify</i>	Turlock

RECOMMENDATION:

Approve Resolution 24-116 authorizing the FY24 Geothermal Facilities Encumbrance Request and reallocating funds from the FY 2024 budget in the amount of \$587,919 to help fund the Geothermal Plant #2 Diesel Tank Project, pending NCPA encumbrance processing.

BACKGROUND:

The Northern California Power Agency (NCPA) operates and maintains on behalf of the project owners a Geothermal facility near Middletown, CA consisting of two power plants with containment areas, 78 steam production and injection wells.

On September 25, 2014, California State Senate Bill 445 was approved. Senate Bill 445 requires that all underground single walled storage tanks (UST) containing hazardous substances such as diesel must be removed from service by December 31, 2025. NCPA's Geothermal Plant 2 currently utilizes a single walled underground diesel tank for its backup auxiliary generator and fire pump system. NCPA's Geothermal Plant #2 Diesel Tank Project will remove the existing underground diesel tank and replace it with an above-ground tank.

The Geothermal Plant #2 Diesel Tank Project currently has \$200,000 budgeted in FY 2025. While preliminary engineering and the purchase of an above ground diesel tank have been completed, additional funding is needed to complete this project. NCPA staff is proposing that excess funds from several projects budgeted in FY 2024 be encumbered and reallocated to help fund this project.

It should be noted that this project has not yet been approved by the Commission, and will be presented for Commission approval at a future date.

FISCAL IMPACT:

If approved, a total of \$587,919 of FY 2024 project funds will be encumbered and reallocated to the Geothermal Plant #2 Diesel Tank Project, for revised total project funding of \$787,919. A breakdown of the additional funding sources is shown in the table below.

Project	Remaining Funds
FY 2024 Plant #1 Steam Strainer	\$188,077
FY 2024 Plant #1 13.8 KV / 2.4 KV / 480 V Bus Restoration	\$124,842
FY 2024 Plant #2 Diesel Tank	\$275,000
FY 2025 Plant #2 Diesel Tank*	\$200,000
Total	\$787,919

**Already approved in the FY25 Budget*

ENVIRONMENTAL ANALYSIS:

This activity would not result in a direct or reasonably foreseeable indirect change in the physical environment and is therefore not a "project" for purposes of Section 21065 the California Environmental Quality Act. No environmental review is necessary.

COMMITTEE REVIEW:

The proposed Geothermal FY24 Encumbrance Requests will be presented for review in the October 23, 2024 Special Facilities Committee Meeting.

Respectfully submitted,

RANDY S. HOWARD
General Manager

Attachments (1):

- Resolution 24-116

RESOLUTION 24-116

RESOLUTION OF THE NORTHERN CALIFORNIA POWER AGENCY APPROVING THE FY24 GEOTHERMAL FACILITIES ENCUMBRANCE REQUEST

(reference Staff Report #255:24)

WHEREAS, the Northern California Power Agency (NCPA) operates and maintains on behalf of the project owners a Geothermal Facility near Middletown, CA, consisting of two geothermal power plants, NCPA 1 and NCPA 2, with 78 steam and water injection wells located on Bureau of Land Management (BLM) land; and

WHEREAS, on September 25, 2014, California State Senate Bill 445 was approved, requiring that all underground single walled storage tanks (UST) containing hazardous substances such as diesel must be removed from service by December 31, 2025. NCPA's Geothermal Plant 2 currently utilizes a single walled underground diesel tank for its backup auxiliary generator and fire pump system. NCPA's Geothermal Plant #2 Diesel Tank Project will remove the existing underground diesel tank and replace it with an above-ground tank; and

WHEREAS, an above ground diesel tank has been purchased and preliminary engineering for the project has started, however, additional funding is needed to complete this project. NCPA staff is proposing that excess funds from several projects budgeted in FY 2024 be encumbered and reallocated to help fund this project; and

WHEREAS, this project has not yet been approved by the Commission, and will be presented for Commission approval at a future date; and

WHEREAS, funds totaling \$587,919 remain from the FY 2024 Plant #1 Steam Strainer Project, FY 2024 Plant #1 13.8 KV / 2.4 KV / 480 V Bus Restoration Project, and FY 2024 Plant #2 Diesel Tank Project that can be encumbered, reallocated and added to \$200,000 for the budgeted for FY 2025 Plant #2 Diesel Tank Project for a combined FY 2025 project funding of \$787,919; and

WHEREAS, this activity would not result in a direct or reasonably foreseeable indirect change in the physical environment and is therefore not a "project" for purposes of Section 21065 the California Environmental Quality Act. No environmental review is necessary; and

NOW, THEREFORE BE IT RESOLVED, that the Commission of the Northern California Power Agency authorizes the FY24 Geothermal Facilities Encumbrance Request and reallocating funds from the FY 2024 budget in the amount of \$587,919 to help fund the Geothermal Plant #2 Diesel Tank Project, pending NCPA encumbrance processing.

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PASSED, ADOPTED and APPROVED this ____ day of _____, 2024, by the following vote on roll call:

	<u>Vote</u>	<u>Abstained</u>	<u>Absent</u>
Alameda	_____	_____	_____
San Francisco BART	_____	_____	_____
Biggs	_____	_____	_____
Gridley	_____	_____	_____
Healdsburg	_____	_____	_____
Lodi	_____	_____	_____
Lompoc	_____	_____	_____
Palo Alto	_____	_____	_____
Port of Oakland	_____	_____	_____
Redding	_____	_____	_____
Roseville	_____	_____	_____
Santa Clara	_____	_____	_____
Shasta Lake	_____	_____	_____
Truckee Donner	_____	_____	_____
Ukiah	_____	_____	_____
Plumas-Sierra	_____	_____	_____

JENELLE OSBORNE
CHAIR

ATTEST: _____
CARRIE POLLO
ASSISTANT SECRETARY



Commission Staff Report – *DRAFT*

COMMISSION MEETING DATE: October 24, 2024

SUBJECT: 2025 Hydroelectric Facilities FY24 Encumbrance; Applicable to the following: The Northern California Power Agency (NCPA) Hydroelectric Facilities.

AGENDA CATEGORY: Discussion/Action

FROM:	Michael DeBortoli	METHOD OF SELECTION:
	Assistant General Manager	<i>Competitive Pricing Process</i>
Division:	Generation Services	<i>If other, please describe:</i>
Department:	Hydroelectric	

IMPACTED MEMBERS:

All Members	<input type="checkbox"/>	City of Lodi	<input checked="" type="checkbox"/>	City of Shasta Lake	<input type="checkbox"/>
Alameda Municipal Power	<input checked="" type="checkbox"/>	City of Lompoc	<input checked="" type="checkbox"/>	City of Ukiah	<input checked="" type="checkbox"/>
San Francisco Bay Area Rapid Transit	<input type="checkbox"/>	City of Palo Alto	<input checked="" type="checkbox"/>	Plumas-Sierra REC	<input checked="" type="checkbox"/>
City of Biggs	<input type="checkbox"/>	City of Redding	<input type="checkbox"/>	Port of Oakland	<input type="checkbox"/>
City of Gridley	<input type="checkbox"/>	City of Roseville	<input checked="" type="checkbox"/>	Truckee Donner PUD	<input type="checkbox"/>
City of Healdsburg	<input checked="" type="checkbox"/>	City of Santa Clara	<input checked="" type="checkbox"/>	Other	<input type="checkbox"/>

If other, please specify

RECOMMENDATION:

Approve Resolution 24-117 authorizing the FY24 Hydroelectric Facilities Encumbrances and reallocating various funds in the FY24 budget in the amount of \$1,468,500 to help fund the CV Turbine Runner Repair Project, NSM Spillway Maintenance Project, NSM Sidelight & Roof Maintenance Project and additional funding for the budget approved McKays 17Kv Wildfire Mitigation Project, pending NCPA encumbrance processing.

BACKGROUND:

NCPA operates the North Fork Stanislaus Hydroelectric Project (FERC Project No. 2409) on behalf of the project owners. Collierville Powerhouse, New Spicer Meadow Powerhouse and McKays Point Diversion Dam are assets in Project 2409 that require maintenance. Most of the project's features were constructed in the late 1980's. The four projects were discovered after the FY25 Hydroelectric Facilities budget was approved and work needs to be completed by June 30, 2025. It should be noted that the projects below have not yet been approved by the Commission and will be presented for Commission approval at a future date.

Project #1 - Collierville (CV) Powerhouse's turbine runner has developed a crack detected during a routine inspection in August 2024 and NCPA needs to do an analysis and perform the necessary maintenance. Collierville Powerhouse has no spare runner and lead times for new runners are over one year. If this project is not acted on now, a unit is exposed to long duration outages should there be another runner issue.

Project #2 - New Spicer Meadow (NSM) Powerhouse's building sidelights and roof require maintenance to stop water leakage into the powerhouse. Critical generation equipment needs to be protected from water intrusion into the powerhouse.

Project #3 - New Spicer Meadow (NSM) Dam's spillway is damaged and is in need of maintenance to stay in Federal and State regulatory compliance.

Project #4 - McKays 17Kv Wildfire Mitigation project for overhead lines was approved in the FY25 budget for \$530,000 with the FY24 budget for \$80,000, however, additional helicopter support will be needed to complete the project on time to reduce the high fire danger risk with exposed conductors.

FISCAL IMPACT:

The total combined estimated cost of the projects is not to exceed \$1,468,500. A table detailing a breakdown of estimated costs associated with each project is included below.

Project Costs – CV Turbine Runner Repair	
Phase 1 – Engineer & Develop Welding Procedure	\$100,000
Phase 2 - Onsite Management and Welding Work	\$652,900
Contingency 10%	\$85,600
Total Project Cost	\$838,500

Project Costs – NSM Sidelight & Roof Maintenance	
Engineering	\$0
Materials & Installation	\$200,000
Contingency	\$0
Total Project Cost	\$200,000

Project Costs – NSM Spillway Maintenance	
Engineering	\$15,000
Installation	\$200,000
Contingency	\$15,000
Total Project Cost	\$230,000

Project Costs – McKays 17Kv Wildfire Mitigation*	
New Helicopter & Aerial Support Needed to Complete Work	\$160,000
Contingency (25%)	\$ 40,000
Total Project Cost	\$200,000

*FY25 Budget Approved Cost \$530,000 + FY24 Approved Budget Cost \$80,000 + New Aerial Support \$200,000 = Total Project \$810,000.

New projects were discovered after the FY25 Hydroelectric Facilities budget was approved and work needs to be completed by June 30, 2025. Initial estimates for these new projects are listed below and the McKays 17Kv Wildfire Mitigation came back higher than originally anticipated for aerial support, NCPA is requesting authorization for encumbrance and reallocation of the FY24 encumbrance funding in the amount of \$1,468,500 to help fund the FY25 Hydroelectric Facilities Projects (pending NCPA encumbrance processing), and authorize the use of up to \$1,468,500 from the FY24 Hydroelectric budget, and FEMA reimbursements, to be encumbered and reallocation for the new projects identified herein. A table detailing the funding sources for these projects are included below.

Funding Source		Requested Amount
Transfer From:	Excess already collected from Members for FY24 Encumbrance from: <ul style="list-style-type: none"> Lower Actual Costs for Water for Power, Lower Usage for Cloud Seeding, Higher interest income, and FEMA claim reimbursements to be returned or reallocated for: 	
Transfer To:	CV Runner Analysis & Maintenance	\$838,500
	NSM Spillway Maintenance	\$230,000
	NSM Sidelight & Roof Maintenance	\$200,000
	FY25 McKays 17Kv Wildfire Mitigation*	\$200,000
	Total	\$1,468,500

*(Already Approved FY25 Budget \$530,000 + FY24 Budget \$80,000 + \$200,000 = \$810,000)

SELECTION PROCESS:

NCPA is currently preparing to solicit competitive bids from multiple vendors to perform the work required for these projects. NCPA will bid the specific scope of work consistent with NCPA procurement policies and procedures. NCPA will issue purchase orders based on cost and availability of the services needed at the time the service is required.

ENVIRONMENTAL ANALYSIS:

This activity would not result in a direct or reasonably foreseeable indirect change in the physical environment and is therefore not a "project" for purposes of Section 21065 the California Environmental Quality Act. No environmental review is necessary.

COMMITTEE REVIEW:

The proposed FY24 Hydroelectric Facilities Encumbrances will be presented for review in the October 23, 2024 Special Facilities Committee Meeting.

Respectfully submitted,

RANDY S. HOWARD
General Manager

Attachments (1):

- Resolution 24-117

RESOLUTION 24-117

RESOLUTION OF THE NORTHERN CALIFORNIA POWER AGENCY APPROVING THE 2025 HYDROELECTRIC FACILITIES FY24 ENCUMBRANCE

(reference Staff Report #256:24)

WHEREAS, the Northern California Power Agency (NCPA) operates and maintains the North Fork Stanislaus Hydroelectric Project (FERC Project No. 2409) on behalf of the project owners. Collierville Powerhouse, New Spicer Meadow Powerhouse and McKays Point Diversion Dam are assets in Project 2409. Most of the project features were constructed in the late 1980's; and

WHEREAS, NCPA staff identified a number of projects after the FY25 Hydroelectric Facilities budget was approved, for work that must be completed by June 30, 2025. Those projects are the Collierville (CV) Powerhouse Turbine Runner Repair Project, the New Spicer Meadow (NSM) Spillway Maintenance Project, the New Spicer Meadow (NSM) Sidelight & Roof Maintenance Project. Staff also recognized the need for additional funding for the McKays 17Kv Wildfire Mitigation Project, which was already included in the approved FY25 Hydroelectric Facilities budget; and

WHEREAS, successful completion of these projects will future-proof the Hydroelectric Facilities, allowing for safer and more reliable operations of the units; and

WHEREAS, these projects have not yet been approved by the Commission, and will be presented for Commission approval at a future date; and

WHEREAS, NCPA is now requesting authorization for encumbrance and reallocation of FY24 funds in the amount of \$1,468,500 to help fund the FY25 Hydroelectric projects outlined above; and

WHEREAS, this activity would not result in a direct or reasonably foreseeable indirect change in the physical environment and is therefore not a "project" for purposes of Section 21065 the California Environmental Quality Act. No environmental review is necessary; and

NOW, THEREFORE BE IT RESOLVED, that the Commission of the Northern California Power Agency authorizes the FY24 Hydroelectric Facilities Encumbrance and reallocating various funds in the FY24 budget in the amount of \$1,468,500 to help fund the CV Turbine Runner Repair Project, NSM Spillway Maintenance Project, NSM Sidelight & Roof Maintenance Project and additional funding for the budget approved McKays 17Kv Wildfire Mitigation Project, pending NCPA encumbrance processing.

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PASSED, ADOPTED and APPROVED this ____ day of _____, 2024, by the following vote on roll call:

	<u>Vote</u>	<u>Abstained</u>	<u>Absent</u>
Alameda	_____	_____	_____
San Francisco BART	_____	_____	_____
Biggs	_____	_____	_____
Gridley	_____	_____	_____
Healdsburg	_____	_____	_____
Lodi	_____	_____	_____
Lompoc	_____	_____	_____
Palo Alto	_____	_____	_____
Port of Oakland	_____	_____	_____
Redding	_____	_____	_____
Roseville	_____	_____	_____
Santa Clara	_____	_____	_____
Shasta Lake	_____	_____	_____
Truckee Donner	_____	_____	_____
Ukiah	_____	_____	_____
Plumas-Sierra	_____	_____	_____

JENELLE OSBORNE
CHAIR

ATTEST: _____
CARRIE POLLO
ASSISTANT SECRETARY