



12745 N. Thornton Road
Lodi, CA 95242

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LEC PPC Agenda

Subject: October 7, 2024 Lodi Energy Center Project Participant Committee Meeting

Location: 12745 N. Thornton Road, Lodi, CA and/or Posted Teleconference Locations

Time: 10:00 am Pacific Standard Time

*** In compliance with the Brown Act, you may participate in person at the meeting location or via teleconference at one of the locations listed below. In either case, please: (1) post this notice at a publicly accessible location at the participation location at least 72-hours before the meeting begins, and (2) have a speaker phone available for any member of the public who may wish to attend at your location.

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NCPA 651 Commerce Drive Roseville, CA 95678	NCPA 12745 N. Thornton Road Lodi, CA 95241	CITY OF HEALDSBURG 401 Grove Street Healdsburg, CA 95448
BAY AREA RAPID TRANSIT 2150 Webster Street, 1 st Floor Oakland, CA 94612	CITY OF GRIDLEY 685 Kentucky Street Gridley, CA 95948	CITY OF LOMPOC 100 Civic Center Plaza Lompoc, CA 93438
CITY OF BIGGS 465 "C" Street Biggs, CA 95917	PLUMAS-SIERRA RURAL ELECTRIC COOP 73233 Highway 70 Portola, CA 96122	POWER & WATER RESOURCES POOLING AUTHORITY 1002 Cooper Ave Glenwood Springs, CO 81601
CALIFORNIA DEPARTMENT OF WATER RESOURCES 1425 River Park Dr. Suite 300. Sacramento, CA 95815	SILICON VALLEY POWER/CITY OF SANTA CLARA 881 Martin Avenue Santa Clara, CA 95050	CITY OF UKIAH 411 W. Clay St. Ukiah, CA 95482
CITY OF AZUSA 729 N. Azusa Avenue Azusa, CA 91702	CITY OF LODI 1331 S. Ham Lane Lodi, CA 95242	

Persons requiring accommodations in accordance with the Americans with Disabilities Act in order to attend or participate in this meeting are requested to contact the NCPA Secretary at 916.781.3636 in advance of the meeting to arrange for such accommodations.

The Lodi Energy Center Project Participant Committee may take action on any of the items listed on this Agenda regardless of whether the matter appears on the Consent Calendar or is described as an action item, a report, or an information item. If this Agenda is supplemented by staff reports, they are available to the public upon request. Pursuant to California Government Code Section 54957.5, the following is the location at which the public can view Agendas and other public writings: NCPA, 651 Commerce Drive, Roseville, CA or www.ncpa.com

1. Review Safety Procedures

2. Call Meeting to Order and Roll Call

PUBLIC FORUM

Any member of the public who desires to address the Lodi Energy Center Project Participant Committee on any item considered by the Lodi Energy Center Project Participant Committee at this meeting, before or during the Committee's consideration of that item, shall so advise the Chair and shall thereupon be given an opportunity to do so. Any member of the public who desires to address the Lodi Energy Center Project Participant Committee on any item within the jurisdiction of the Lodi Energy Center Project Participant Committee and not listed on the Agenda may do so at this time.

3. Meeting Minutes – Approval of September 9, 2024 Regular Meeting Minutes

MONTHLY REPORTS

4. Operational Report for September 2024

5. Market Data Report for September 2024

6. Monthly Asset Report for August 2024

7. Bidding Strategies Report

CONSENT CALENDAR

All items on the Consent Calendar are considered routine and will be approved without discussion by a single roll call vote. Any Project Participant or member of the public may remove any item from the Consent Calendar. If an item is removed, it will be discussed separately following approval of the remainder of the Consent Calendar. Prior to the roll call vote to approve the Consent Calendar, the Participants will be polled to determine if any Participant wishes to abstain from one or more items on the Consent Calendar.

8. Treasurer's Report for August 2024 – Accept by all Participants

9. Financial Report for August 2024 – Approve by all Participants

10. GHG Reports (excerpted from Monthly ARB) – Accept by all Participants

Persons requiring accommodations in accordance with the Americans with Disabilities Act in order to attend or participate in this meeting are requested to contact the NCPA Secretary at 916.781.3636 in advance of the meeting to arrange for such accommodations.

- 11. Property Insurance Program Renewal for CY 2025** – Staff is seeing a recommendation for Commission approval authorizing the General Manager to negotiate and bind renewal of the Agency's property insurance program for CY 2025.
- 12. Hill Brothers Chemical Company MTEMS** – Staff is seeking a recommendation for approval of a five-year Multi-Task Agreement for Purchase of Equipment, Materials and Supplies with Hill Brothers Chemical Company for chemical purchases, with a not to exceed amount of \$2,500,000, for use at all facilities owned and/or operated by NCPA.
- 13. CEQA Notice of Exemption Filings** – Staff is seeking a recommendation for approval authorizing the General Manager or his designee to file with the appropriate County Clerks the California Environmental Quality Act (CEQA) Notice(s) of Exemption (NOEs) for routine operation and maintenance activities at the NCPA Plant Facilities.
- 14. PMOA Schedule 6.00 Updates** – Staff is seeking approval of revisions to Schedule 6.00 of the Project Management and Operations agreement, making requested changes to the City of Gridley representative as well as incorporating Project Participant designated Alternates into the Schedule.

Consent Items pulled for discussion: _____

DISCUSSION/ACTION ITEMS

- 15. Decommissioning Reserve Policy** – Staff is seeking approval of a new Agency Decommissioning Reserve Policy for the Lodi Energy Center.

INFORMATIONAL ITEMS

- 16. FY2024 Annual Billing Settlements Review** – Staff will present a preliminary draft of LEC's FY2024 Annual Billing Settlement and encumbrances for the period of July 1, 2023 – June 30, 2024.
- 17. Lodi Energy Center Hydrogen Upgrade Project** – Staff will provide an update regarding the potential hydrogen upgrade project at the Lodi Energy Center.
- 18. Additional Operational Updates** – Staff will provide an update on issues related to Operations.

ADJOURNMENT

Next Regular Meeting: November 4, 2024 at 10:00 am Pacific Standard Time

Persons requiring accommodations in accordance with the Americans with Disabilities Act in order to attend or participate in this meeting are requested to contact the NCPA Secretary at 916.781.3636 in advance of the meeting to arrange for such accommodations.

LEC PPC Meeting Minutes

Date: Monday, September 9, 2024

Time: 10:00 am Pacific Standard Time

Location: Lodi Energy Center – 12745 N. Thornton Rd, Lodi, CA 95242 and by teleconference

Subject: Lodi Energy Center Project Participant Committee Meeting

1. Review Safety Procedures

The PPC reviewed the NCPA Safety Procedures and assigned safety roles.

2. Call Meeting to Order and Roll Call

Chairman Brock Costalupes called to order the Project Participant Committee meeting at 10:01 am. He asked that roll be called for the Project Participants as listed below. Gridley and SVP arrived after roll call.

PPC Meeting Attendance Summary		
Participant	Attendance	Particulars / GES
Azusa - Torres	Present	2.7857%
BART - Schmidt	Absent	6.6000%
Biggs - Sorensen	Absent	0.2679%
CDWR - Luu	Present	33.5000%
Gridley - Sanchez	Absent	1.9643%
Healdsburg - Crowley	Absent	1.6428%
Lodi - Chiang	Present	9.5000%
Lompoc - Wilkie	Present	2.0357%
MID - Costalupes	Present	10.7143%
Plumas-Sierra - Brozo	Absent	0.7857%
PWRPA - Bradley	Present	2.6679%
SVP - Wong	Absent	25.7500%
Ukiah - Sauers	Present	1.7857%
Summary		
Present	7	62.9893%
Absent	6	37.0107%
Quorum by #:	Yes	
Quorum by GES:	Yes	
Meeting Date:	September 9, 2024	

Public Forum

Chairman Costalupes asked if any members of the public were present in Lodi or at any of the other noticed meeting locations who would like to address the PPC on any agenda items or on any item within the jurisdiction of the LEC PPC and not listed on the agenda. No members of the public were present.

3. Meeting Minutes

The draft minutes from the August 12, 2024 regular meeting were considered. There were no objections or requested corrections. The LEC PPC considered the following motion:

Date: 9/9/2024

Motion: The PPC approves the minutes from the August 12, 2024 regular meeting.

Moved by: Lodi

Seconded by: DWR

Discussion: There was no further discussion

Vote Summary on Motion		
Participant	Vote	Particulars / GES
Azusa	Yes	2.7857%
BART	Absent	6.6000%
Biggs	Absent	0.2679%
CDWR	Yes	33.5000%
Gridley	Absent	1.9643%
Healdsburg	Absent	1.6428%
Lodi	Yes	9.5000%
Lompoc	Yes	2.0357%
Modesto	Yes	10.7143%
Plumas-Sierra	Absent	0.7857%
PWRPA	Yes	2.6679%
Silicon Valley Power	Absent	25.7500%
Ukiah	Yes	1.7857%
Vote Summary		
Total Ayes	7	62.9893%
Total Noes	0	0.0000%
Total Abstain	0	0.0000%
Total Absent	6	37.0107%
Result: Motion Passed		

MONTHLY REPORTS

4. Operational Report

Ryan Johnson presented the Operational Report for August. There were no OSHA recordable or non-recordable incidents.

There were no NERC/WECC or permit violations. There were two outages in the month of August due to required Emissions RATA Testing. The testing company did not follow correct testing protocol which then required a retest.

The operational report reflected monthly production of 55,214 MWH, 220 service hours, and equivalent operating availability of 100.0%. The report set for the Capacity Factor @ 302MW Pmax of 24.6%. There were three cold starts, four warm starts and no hot starts during the month.

5. Market Data Report

Bob Caracristi presented the operating and financial settlement results for the month. LEC was committed to CAISO 13 out of 31 available days. There were seven starts during the month. There were 18 days where LEC was uneconomic.

6. Monthly Asset Report

Rafael Santana presented the monthly asset report for July 2024, showing that net costs are below budget. Rafael reviewed the monthly historical comparisons as well as the 12-month history.

7. Bidding Strategies Report

Jesse Shields presented the Bidding Strategies Report for August 2024. Jesse reviewed bidding and calculated net start-up costs. Jesse reviewed DA and RT net revenues over the month with the Committee.

Consent Calendar (Items # 8 – # 17)

The consent calendar was considered. Chairman Costalupes asked if any Participant wished to have any item removed for separate discussion. Hearing no requests, he then asked if any Participant wished to abstain from one or more items on the Consent Calendar. There were no abstentions. The LEC PPC considered the following motion:

Date: 9/9/2024

Motion: The PPC approves the Consent Calendar items consisting of agenda items no.: **8.** Treasurer's Report for July 2024; **9.** Financial Report for July 2024; **10.** GHG Reports (excerpted from the Monthly ARB); **11. Brenntag Pacific Inc. First Amendment to 5-year MTS** for purchasing chemicals, extending the contract expiration date from October 14, 2024 to April 14, 2025, with no change to the original not to exceed amount of \$2,500,000, for continued use at all facilities owned and/or operated by NCPA; **12. Hill Brothers Chemical Company First Amendment to 5-year MTEMS** for purchasing chemicals, extending the contract expiration date from October 25, 2024 to April 25, 2025, with no change to the original not to exceed amount of \$2,500,000, for continued use at all facilities owned and/or operated by NCPA; **13. Thatcher Company of California, Inc. First Amendment to 5-year MTEMS** for purchasing chemicals, extending the

contract expiration date from November 25, 2024 to May 25, 2025, with no change to the original not to exceed amount of \$2,500,000, for continued use at all facilities owned and/or operated by NCPA; **14. Matheson Tri-Gas, Inc. First Amendment to 5-year MTEMS** for purchasing CEMS gasses, extending the contract expiration date from October 24, 2024, 2024 to April 24, 2025, with no change to the original not to exceed amount of \$1,000,000, for continued use at all facilities owned and/or operated by NCPA; **15. Southern Counties Lubricants, LLC 5-year MTGSA-EMS** for oil analysis, oil filtration and flushing related services and for purchasing miscellaneous lubricants, with a not to exceed amount of \$1,500,000, for use at all facilities owned and/or operated by NCPA; **16. MP Environmental Services, Inc. First Amendment to 5-year MTGSA** for removal and replacement of sulfur bins, phase separators and vacuum truck services, increasing the not to exceed amount from \$3,000,000 to \$4,000,000, with no change to the original contract term, for continued use at all facilities owned and/or operated by NCPA; **17. Hometown Connections, Inc. 5-year MTCSA** for various consulting related tasks including but not limited to organization assessments, strategic planning, market research, and training, with a not to exceed amount of \$1,000,000, for use at all facilities owned and/or operated by NCPA, Members/SCPPA.

Moved by:
Seconded by:

SVP
MID

Discussion: There was no further discussion.

Vote Summary on Motion		
Participant	Vote	Particulars / GES
Azusa	Yes	2.7857%
BART	Absent	6.6000%
Biggs	Absent	0.2679%
CDWR	Yes	33.5000%
Gridley	Absent	1.9643%
Healdsburg	Absent	1.6428%
Lodi	Yes	9.5000%
Lompoc	Yes	2.0357%
Modesto	Yes	10.7143%
Plumas-Sierra	Absent	0.7857%
PWRPA	Yes	2.6679%
Silicon Valley Power	Yes	25.7500%
Ukiah	Yes	1.7857%
Vote Summary		
Total Ayes	8	88.7393%
Total Noes	0	0.0000%
Total Abstain	0	0.0000%
Total Absent	5	11.2607%
Result:	Motion Passed	

DISCUSSION / ACTION ITEMS

18. Lodi Energy Center Expansion Joint Replacement Project – Staff is seeking a recommendation for approval of the Lodi Energy Center CT Expansion Joint Replacement Project, and delegating authority to the General Manager or his designee to award bids, execute agreements and related forms, and to issue purchase orders for the project in accordance with NCPA procurement policies and procedures, for a total cost not to exceed \$725,000, to be funded from the approved FY25 Lodi Energy Center budget.

Date: 9/9/2024

Motion: The PPC approves the Lodi Energy Center CT Expansion Joint Replacement Project, and delegates authority to the General Manager or his designee to award bids, execute agreements and related forms, and to issue purchase orders for the project in accordance with NCPA procurement policies and procedures, for a total cost not to exceed \$725,000, to be funded from the approved FY25 Lodi Energy Center budget

Moved by:
Seconded by:

DWR
SVP

Discussion: There was no further discussion.

Vote Summary on Motion		
Participant	Vote	Particulars / GES
Azusa	Yes	2.7857%
BART	Absent	6.6000%
Biggs	Absent	0.2679%
CDWR	Yes	33.5000%
Gridley	Yes	1.9643%
Healdsburg	Absent	1.6428%
Lodi	Yes	9.5000%
Lompoc	Yes	2.0357%
Modesto	Yes	10.7143%
Plumas-Sierra	Absent	0.7857%
PWRPA	Yes	2.6679%
Silicon Valley Power	Yes	25.7500%
Ukiah	Yes	1.7857%
Vote Summary		
Total Ayes	9	90.7036%
Total Noes	0	0.0000%
Total Abstain	0	0.0000%
Total Absent	4	9.2964%
Result:	Motion Passed	

19. LEC CT Inlet Platform Structure Project – Staff is seeking a recommendation for approval of the Lodi Energy Center CT Inlet Platform Structure Project and delegating authority to the General Manager or his designee to award bids, execute agreements and related forms, and to issue purchase orders for the project in accordance with NCPA purchasing policies and procedures, for a total cost not to exceed \$650,000, to be funded from the approved FY25 Lodi Energy Center budget.

Date: 9/9/2024

Motion: The PPC approves the Lodi Energy Center CT Inlet Platform Structure Project and delegates authority to the General Manager or his designee to award bids, execute agreements and related forms, and to issue purchase orders for the project in accordance with NCPA purchasing policies and procedures, for a total cost not to exceed \$650,000, to be funded from the approved FY25 Lodi Energy Center

Moved by: Lodi
Seconded by: SVP

Discussion: There was no further discussion.

Vote Summary on Motion		
Participant	Vote	Particulars / GES
Azusa	Yes	2.7857%
BART	Absent	6.6000%
Biggs	Absent	0.2679%
CDWR	Yes	33.5000%
Gridley	Yes	1.9643%
Healdsburg	Absent	1.6428%
Lodi	Yes	9.5000%
Lompoc	Yes	2.0357%
Modesto	Yes	10.7143%
Plumas-Sierra	Absent	0.7857%
PWRPA	Yes	2.6679%
Silicon Valley Power	Yes	25.7500%
Ukiah	Yes	1.7857%
Vote Summary		
Total Ayes	9	90.7036%
Total Noes	0	0.0000%
Total Abstain	0	0.0000%
Total Absent	4	9.2964%
Result:	Motion Passed	

INFORMATIONAL ITEMS

20. Lodi Energy Center Hydrogen Upgrade Project – Gordon Loyd informed the members that GHD may have the 100% Hydrogen Study completed and the report available to be presented at next month's meeting. Mike DeBortoli responded to questions regarding the information provided last month about the various costs to be considered with the Hydrogen project. Jane Luckhardt is still waiting for the ARCHES agreement.

21. Additional Operational Updates – Rafael informed the members that the EPA is reviewing the air permit for the FX Upgrade. The CEC won't approve the project until the EPA has provided them with their report. Siemens has offered an addendum that will move the due date of the first payment to June 2025 instead of January 2025. This would allow the payment of funds to qualify under the grant and prevent a 5-8% cost increase.

LEC is currently having an issue with its Aux Boiler. This will be reported in more detail at the next meeting.

ADJOURNMENT

Next Regular Meeting: October 7, 2024 at 10:00 am Pacific Standard Time

The meeting was adjourned at 11:02 am.

Submitted by: Julie Kenkel

Lodi Energy Center Project Participant Committee

Operational Report

Agenda Item No.: 4

Date: 10/07/2024

To: Lodi Energy Center Project Participant Committee

Safety

- OSHA Recordable/Reportable: 0 incidents
- Non-Recordable/Reportable: 0 incidents

Notice of Violations

- Permits: 0 Violations Issued.
- NERC/WECC: 0 Violations Issued.

Outage Summaries:

- 9/09 @ 00:04 - 16:32; Aux boiler trouble, OMS 16533974
- 9/30 @ 13:51 - 23:59; Gas compressor trouble, OMS 16667206

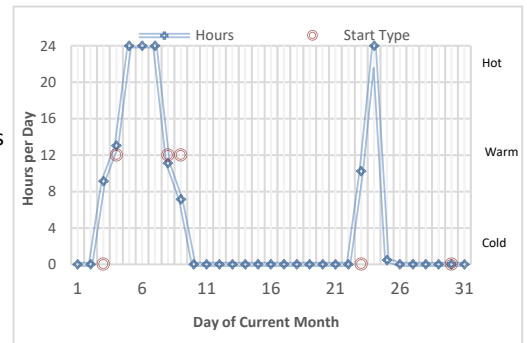
Planned Outage Summaries:

- April 1-30, 2025; Annual maintenance outage.

LEC Generating Unit Statistics:**Date:**

9/1/2024

1. Monthly Production	34,280	MWh
2. Productivity Factor		
a. Service Hours	147	Hours
b. Service Factor	20.4	%
c. Capacity Factor @ 302MW Pmax	15.8	%
3. Equivalent Operating Availability (EOA)	96.3	%
4. Forced Outages		
a. Forced Outage Rate (FOR)	15.3	%
b. Forced Outage Factor (FOF)	3.7	%



5. Heat Rate Deviation		
a. Fuel Cost (Not Current Market Price)	4.00	\$/mmBTU

MW Range	PMOA HR BTU/kW-Hr	Average HR BTU/kW-Hr	Deviation %	Production MWh	Cost \$
Seg. 1 296 +	6850	0	0.00%	0	\$0
Seg. 2 284 - 296	6870	0	0.00%	0	\$0
Seg. 3 275 - 284	6971	6,888	-1.18%	7,550	-\$2,492
Seg. 4 250 - 275	7081	6,922	-2.25%	11,196	-\$7,136
Seg. 5 225 - 250	7130	7,017	-1.59%	7,980	-\$3,616
Seg. 6 200 - 225	7200	7,162	-0.53%	4,655	-\$704
Seg. 7 175 - 225	7450	7,313	-1.84%	1,051	-\$575
Seg. 8 165 - 175	7760	7,667	-1.20%	103	-\$38
	7,164	6,987	-2.47%	32,534	-\$14,560

6. AGC Control Deviation

MW Range	High Dev MWh	Low Dev MWh	Total Dev MWh	Cost \$
Seg. 1 296 +	0	0	0	\$0
Seg. 2 284 - 296	0	0	0	\$0
Seg. 3 275 - 284	0	0	0	\$0
Seg. 4 250 - 275	0	0	0	\$3
Seg. 5 225 - 250	0	0	0	\$6
Seg. 6 200 - 225	0	0	0	\$2
Seg. 7 175 - 225	0	0	0	\$0
Seg. 8 165 - 175	0	0	0	\$0
	0	0	0	\$11

7. Starting Reliability

Start Type	Hot Starts	Warm Starts	Cold Starts
Number of Starts	0	3	3
Start Time Benchmark (Minutes)	20		
Start Time Actual (Average Minute)	0	17	14
Start Time Deviation (%)	0%	-13%	-28%
Start Fuel Benchmark (mmBTU)	250		
Start Fuel Actual (Average mmBTU)	0	170	146
Fuel Deviation (%)	0%	-32%	-42%
Costs of Fuel Deviations (\$)	\$0	-\$957	-\$1,245

Definitions:

1. Monthly Production = Plant Net MWh's
2. Capacity Factor
 - a. Service Hours (SH) = In-Production or In-Service State, i.e. "Plant On"
 - b. Service Factor = $SH / HIM \times 100\%$; (HIM = hours in month, aka possible hours)
 - c. Capacity Factor = $Production / 302MW \times HIM$
3. Equivalent Operating Availability (EOA) = $(HIM - FOH - POH) / HIM \times 100\%$; (FOH = Forced Outage Hours, POH = Planned Outage Hours)
4. Forced Outage, From NERC GADS Training, Appendix F: Performance Indexes and Equations
 - a. Forced Outage Rate (FOR) = $FOH / (FOH + SH) \times 100\%$
 - b. Forced Outage Factor (FOF) = $FOH/HIM \times 100\%$
5. Heat Rate Deviation (HRD)
 - a. Fuel Cost = Standard Cost of Fuel in \$/mmBTU
 - b. Average Heat Rate (HR) = Average heat rate for the given Segment; weighted total average at bottom
 - c. Heat Rate Deviation = $(Heat Rate Average - Heat Rate Expected) / Heat Rate Expected \times 100\%$
 - d. Production = Sum of production for the given Segment
 - e. Costs of Heat Rate Deviations = $(Average Heat Rate - Expected Heat Rate) \times Production \times Cost of Fuel$
6. AGC Deviation-
 - a. MWh's = AGC Set Point Generation - LEC Actual Generation
 - b. Cost of Deviations = Fuel Cost x Heat Rate x Generation
7. Starting Reliability
 - a. Number of Starts = Start Count for Hot, Warm, and Cold
 - i. Hot = Time between plant shutdown and startup < 6 hours
 - ii. Warm = Time between plant shutdown and startup 6 - 20 hours
 - iii. Cold = Time between plant shutdown and startup > 20 hours
 - b. Start Time = Average Time from 0 Fuel Flow to Pmin (Pmin = 100 MW)
 - c. Start Fuel = Average Fuel Consumption to Pmin
 - d. Cost of Fuel Deviation = $(Actual Fuel Consumed - Expected Fuel) \times Cost of Fuel$



LEC PPC Meeting

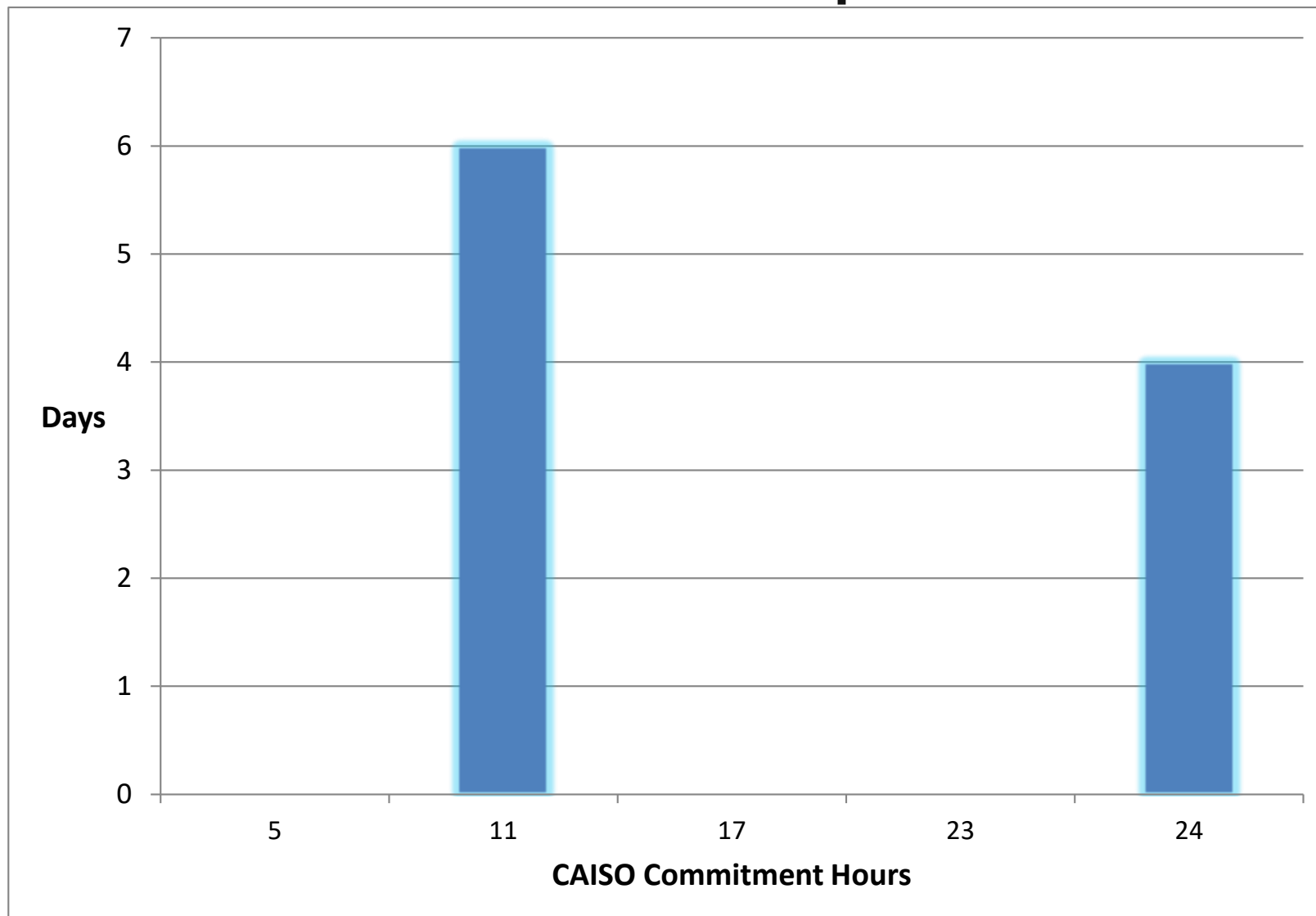
October 7, 2024

September 2024 Market Financial Results

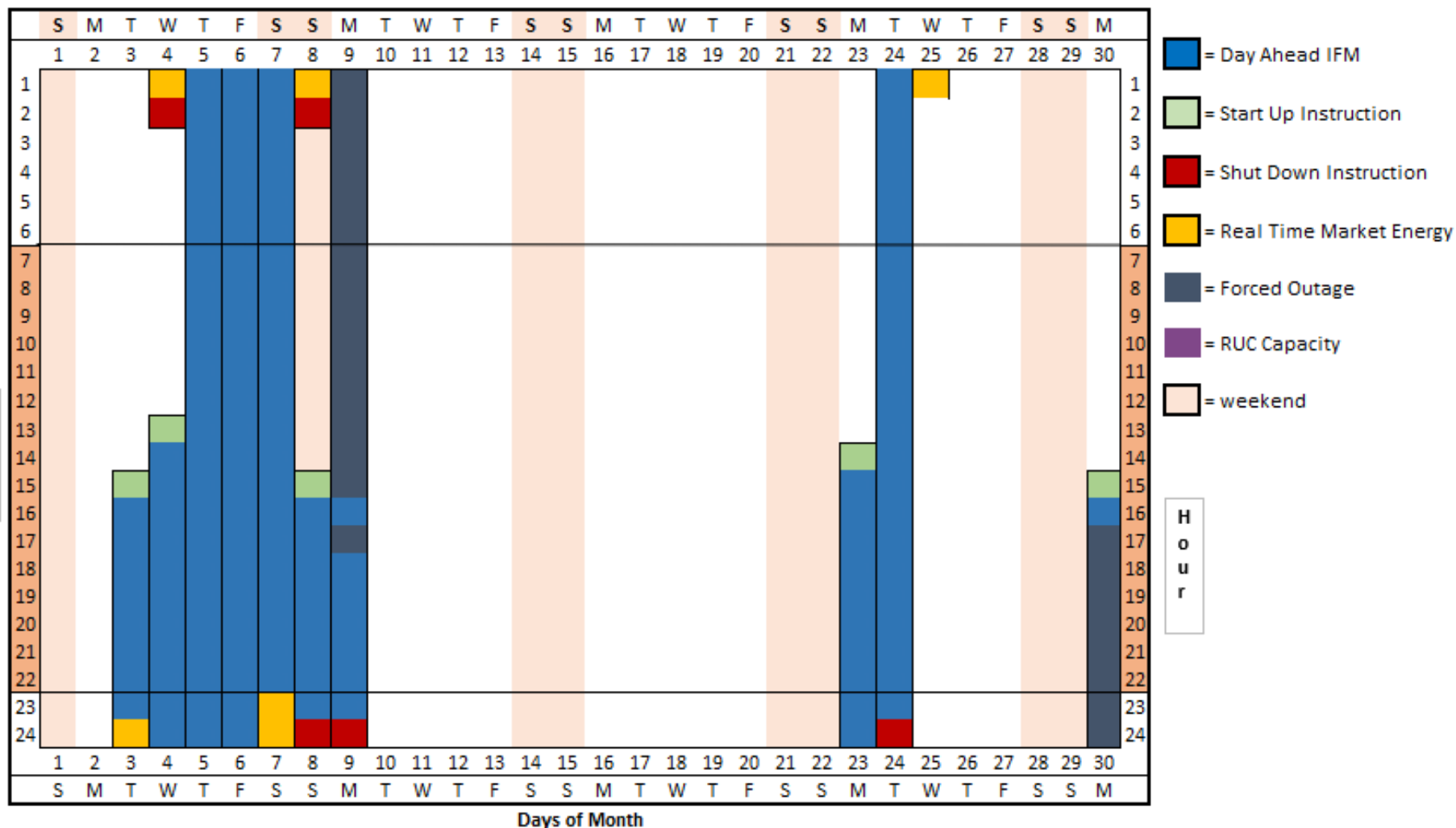
LEC Operational Results for September 2024

- Resource Adequacy Availability Metrics:
 - 94.00% - Monthly Assessment Generic Performance
 - 97.80% - Monthly Assessment Flexible Performance Vs
 - 96.50% Availability Standard
- Estimated RAAIM Non-Availability Charge:
 - \$1.5K for Generic RA based on claimed 69.79 MW
 - \$0K for Flexible RA based on claimed 62.90 MW
- LEC was committed by CAISO for market energy 10 days of 30 available days
 - LEC was considered uneconomic 20 days during September.
 - There were 6 starts during the month, and
 - 4 days of continuous 24-hour operations

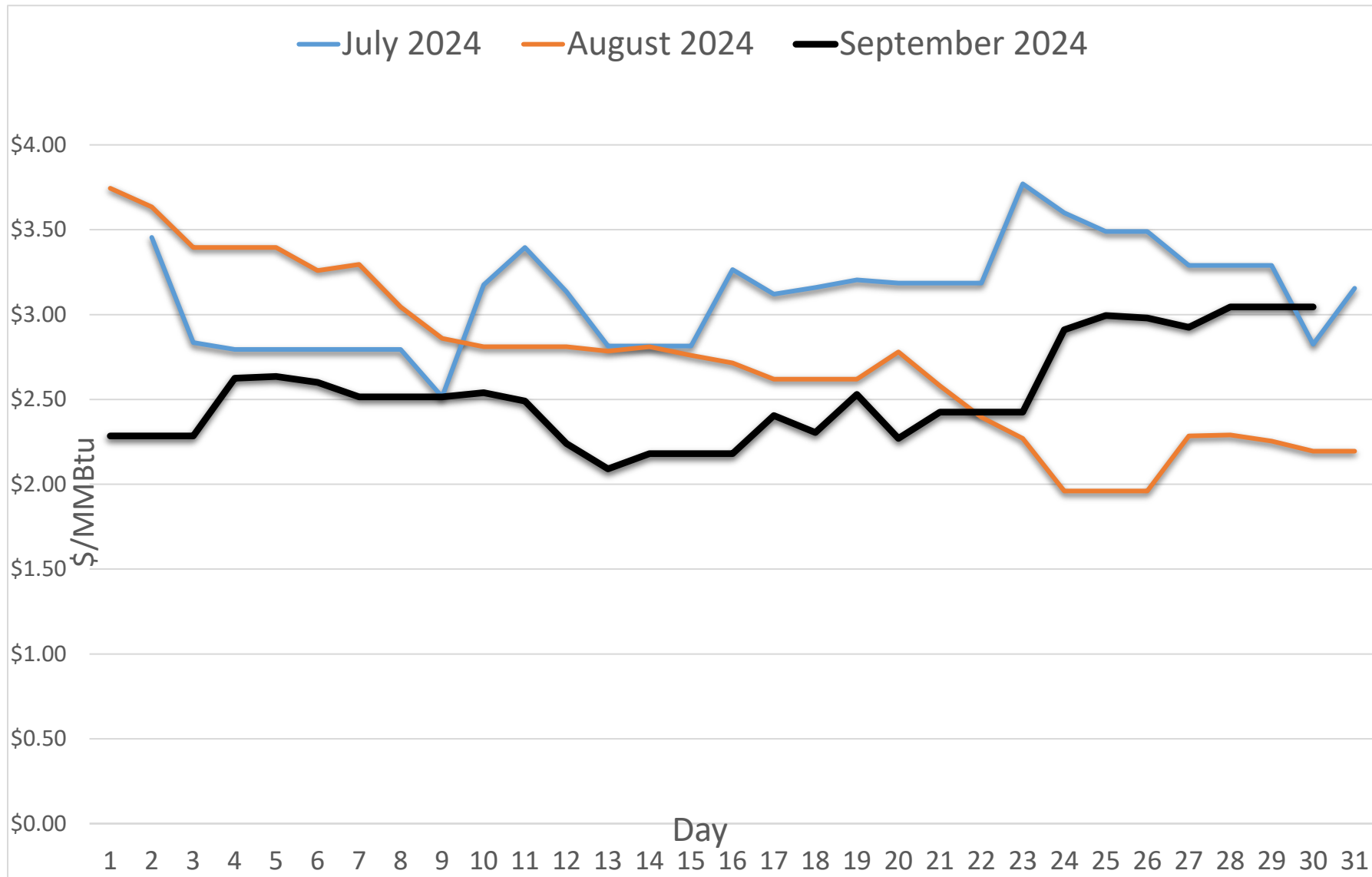
Frequency Tabulation of Daily CAISO commitment hours for September 2024



Daily CAISO Commitment Runs for September 2024

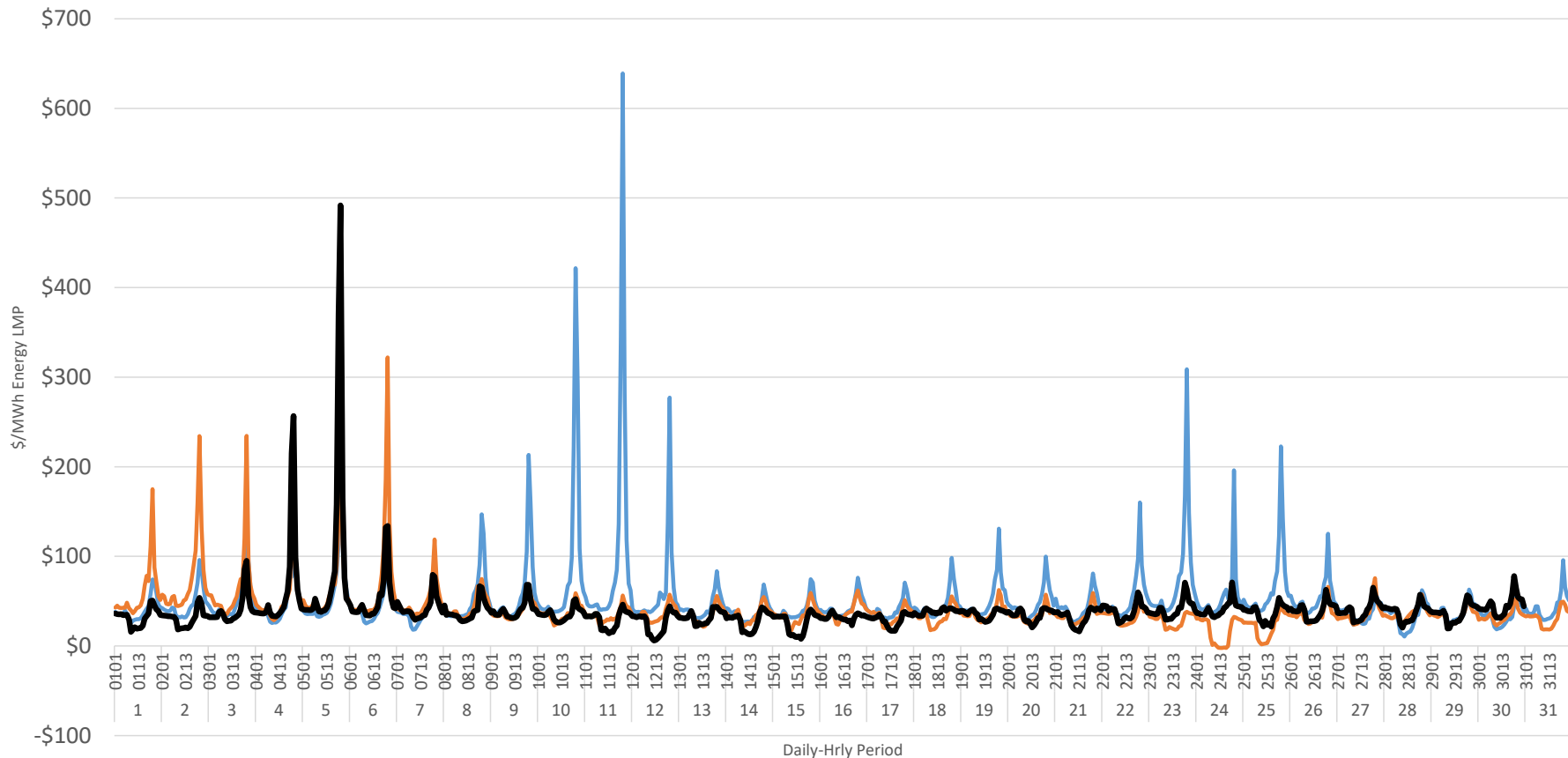


Daily PG&E City Gate Gas Index Values by Month

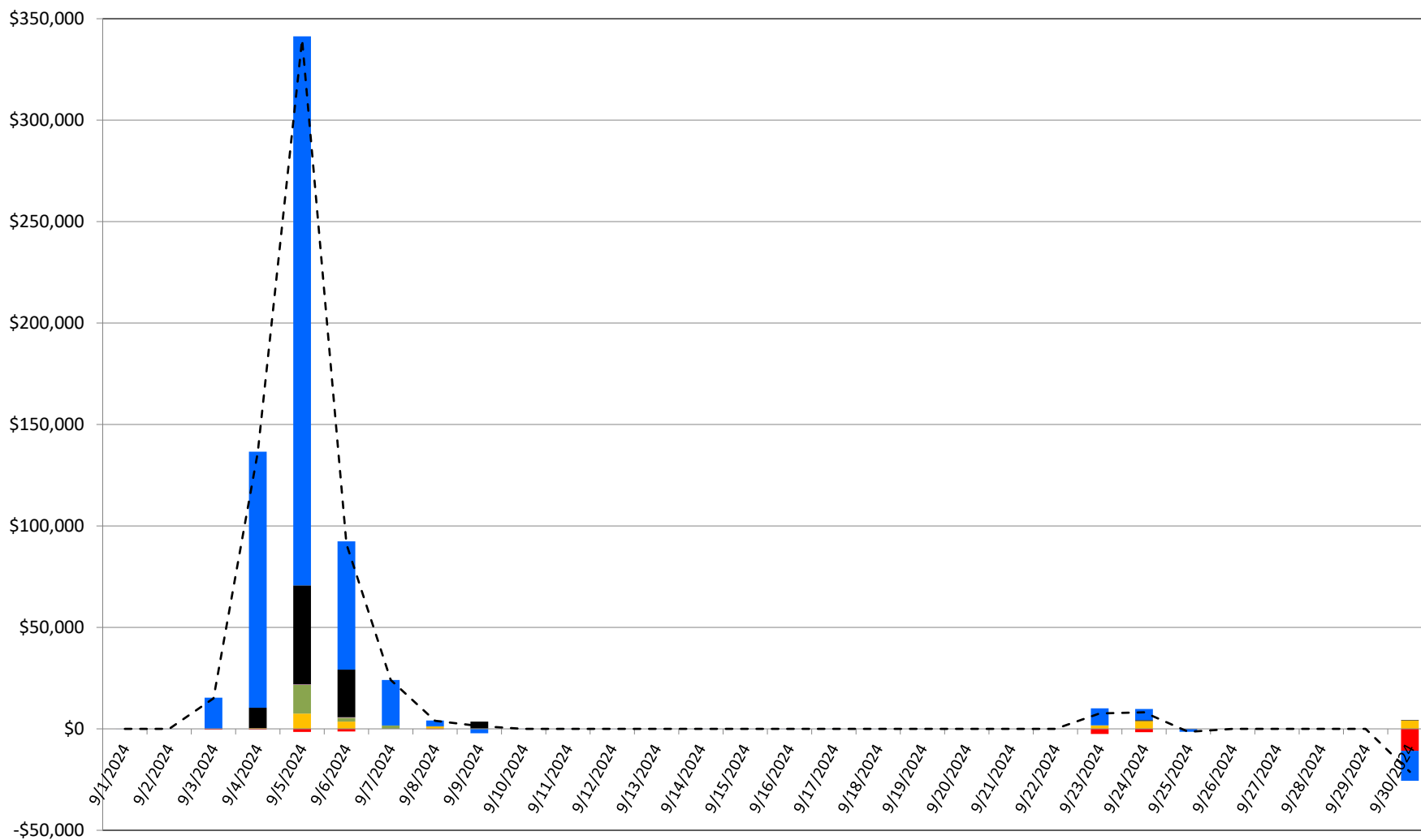


DA Energy LMP values by Month

— July 2024 — August 2024 — September 2024



■ Reg Down Capacity Pmt
 ■ Reg Up Capacity Pmt
 ■ Reg Down Energy Purchase
 ■ Reg Up Energy Sale
 ■ Spinning Reserve
■ Rescinded Reg Down Capacity
 ■ IFM/Real Time
 ■ Rescinded Reg Up Capacity
 - Net Margin



September 2024 LEC Project Cumulative Monthly Margin

IFM/RTM Gross Revenues	\$	2,202,300	
Regulation Up Capacity	\$	17,900	
Regulation Down Capacity	\$	22,500	
Spinning Reserve	\$	91,500	
Total Gross LEC Revenue			\$ 2,334,200
LEC CAISO GMC Costs	\$	(12,600)	
CAISO Energy & Capacity Buyback Costs	\$	(237,900)	
Total Monthly LEC Fuel Cost	\$	(877,200)	
Total Monthly GHG Obligation	\$	(464,700)	
Variable Operations & Maintenance Cost	\$	(136,900)	
Total Gross Costs			\$ (1,729,300)
Cumulative Monthly Margin			\$ 604,900
4 Days of Accrued LT Maintenance Costs	\$	(60,723)	
Net Cumulative Monthly Margin			\$ 544,177
Average Net Margin \$/MWh	\$		15.87

Comparison of Day Ahead Congestion LEC vs NP15 Trade Hub

Net_Amount by Day

● Increase ● Decrease ● Total

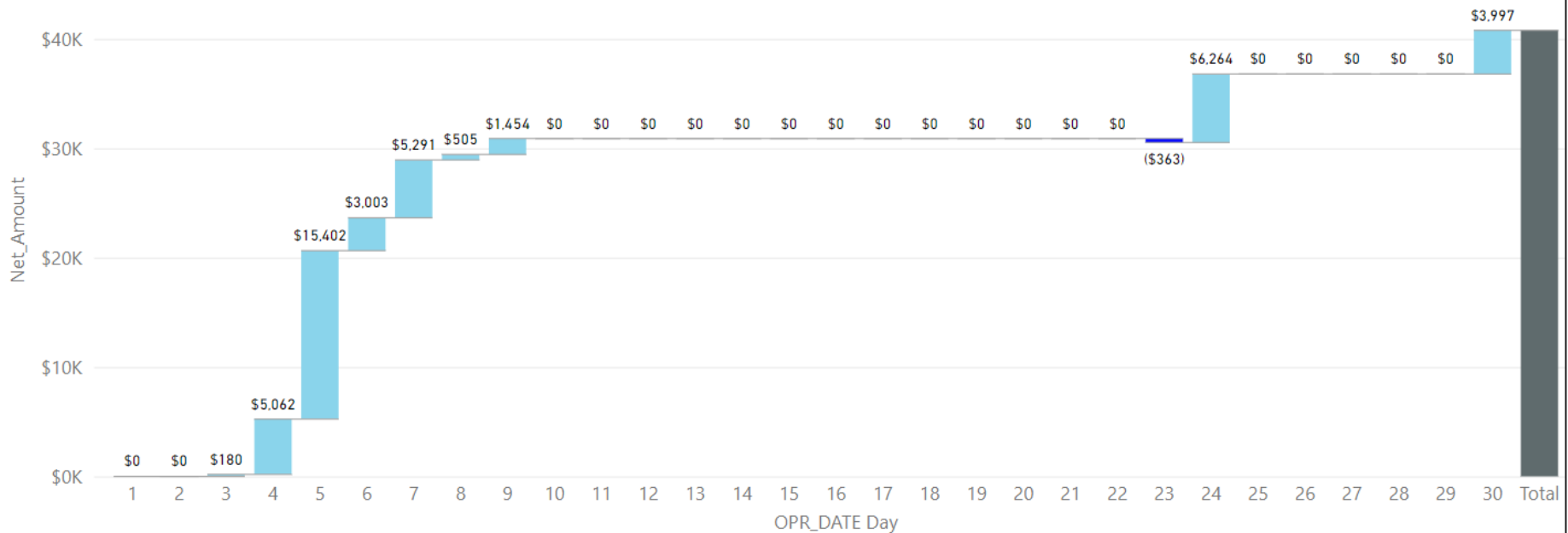
September 2024 Cost of Congestion Component

\$40,796

Net_Amount

\$1.19

\$ / MWh



NP15_Cost and LEC_Cost by Day

● NP15_Cost ● LEC_Cost



Comparison of Day Ahead Loss Component LEC vs NP15 Trade Hub

Net_Amount by Day

September 2024 Cost of Loss Component

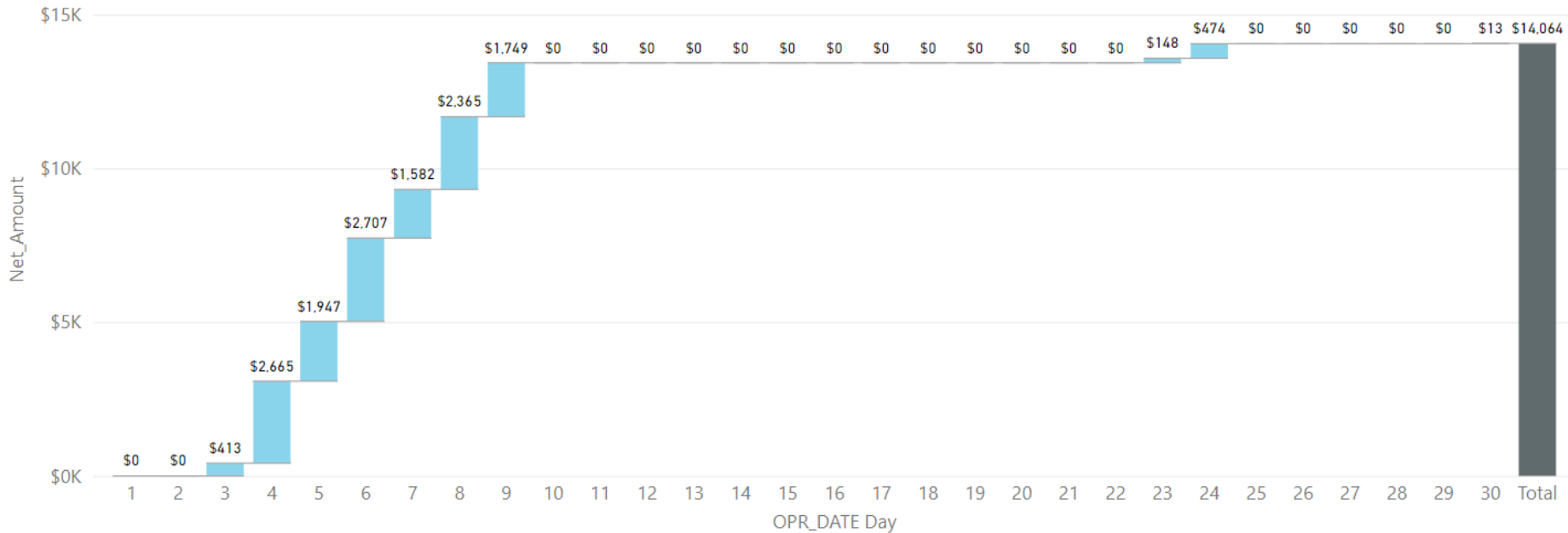
● Increase ● Decrease ● Total

\$14,064

Net_Amount

\$0.41

\$ / MWh



NP15_Cost and LEC_Cost by Day

● NP15_Cost ● LEC_Cost

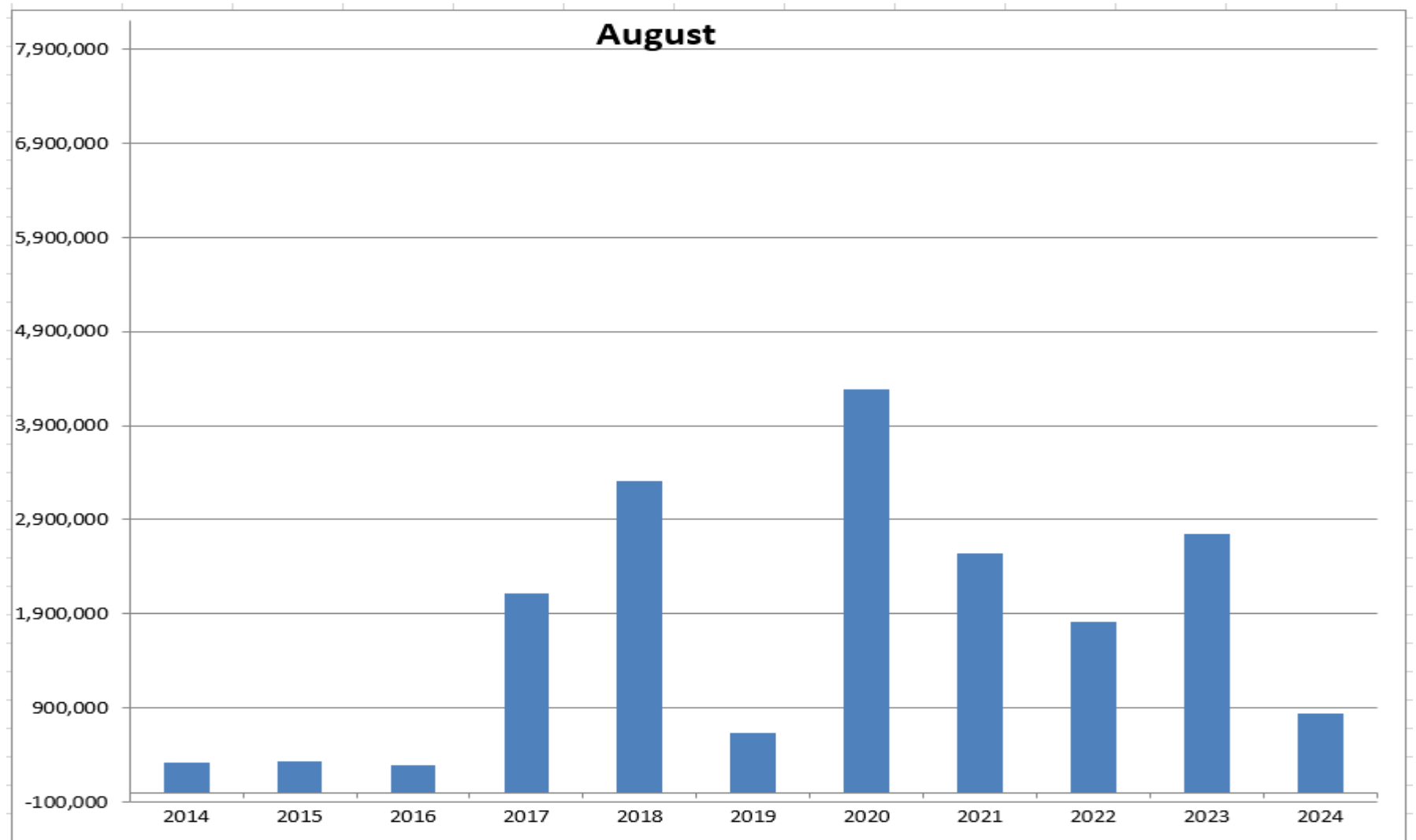




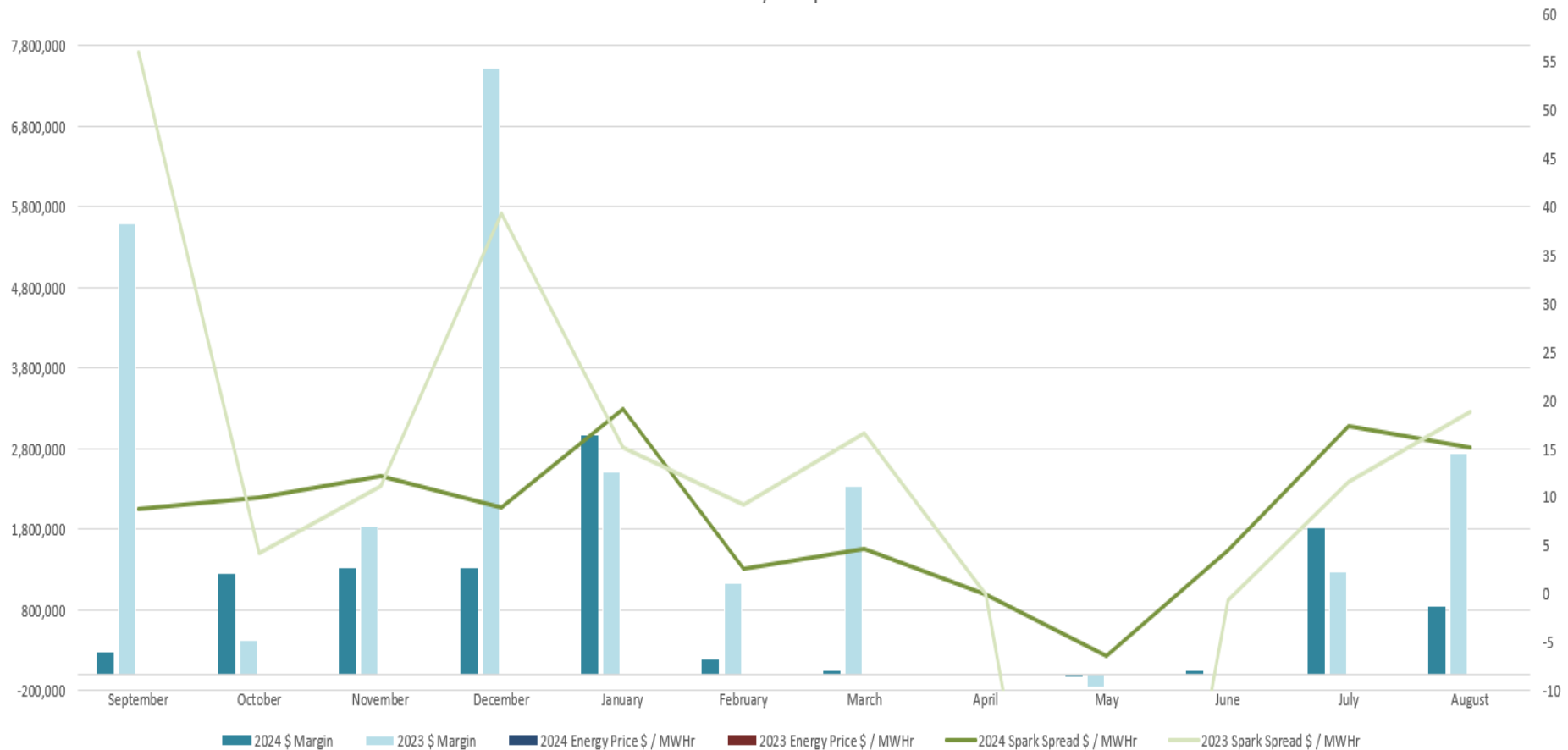
August 2024 Asset Report

		Most Recent		Above / (below)	Percent Difference	
	Actual	Forecast	Budget	Forecast	Above / (below)	
Revenue	3,544,816	14,970,451	15,865,032	(11,425,635)	-76%	Energy Sales lower by 77% vs. Forecast CF lower by 61% vs Forecast
VOM	2,529,221	12,065,033	12,540,889	(9,535,812)	-79%	Avg Power Prices lower by 41% vs Forecast
Fixed	1,258,618	1,234,616	1,215,866	24,002	2%	FX Application CEC, Unit Source Testing and CT Igniter parts arrived (ordered Nov 2023)
Projects	233,133	280,333	280,333	(47,200)	-17%	
A&G	264,976	264,873	264,873	103	0%	
Debt	2,168,156	2,168,156	2,168,156	(0)	0.00%	
Net Cost	(2,909,288)	(1,042,560)	(605,085)	(1,866,727)	179%	
Net Annual Cost		(20,250,120)	(44,498,594)	\$24,248,474		
				Below budget by 54.49%		

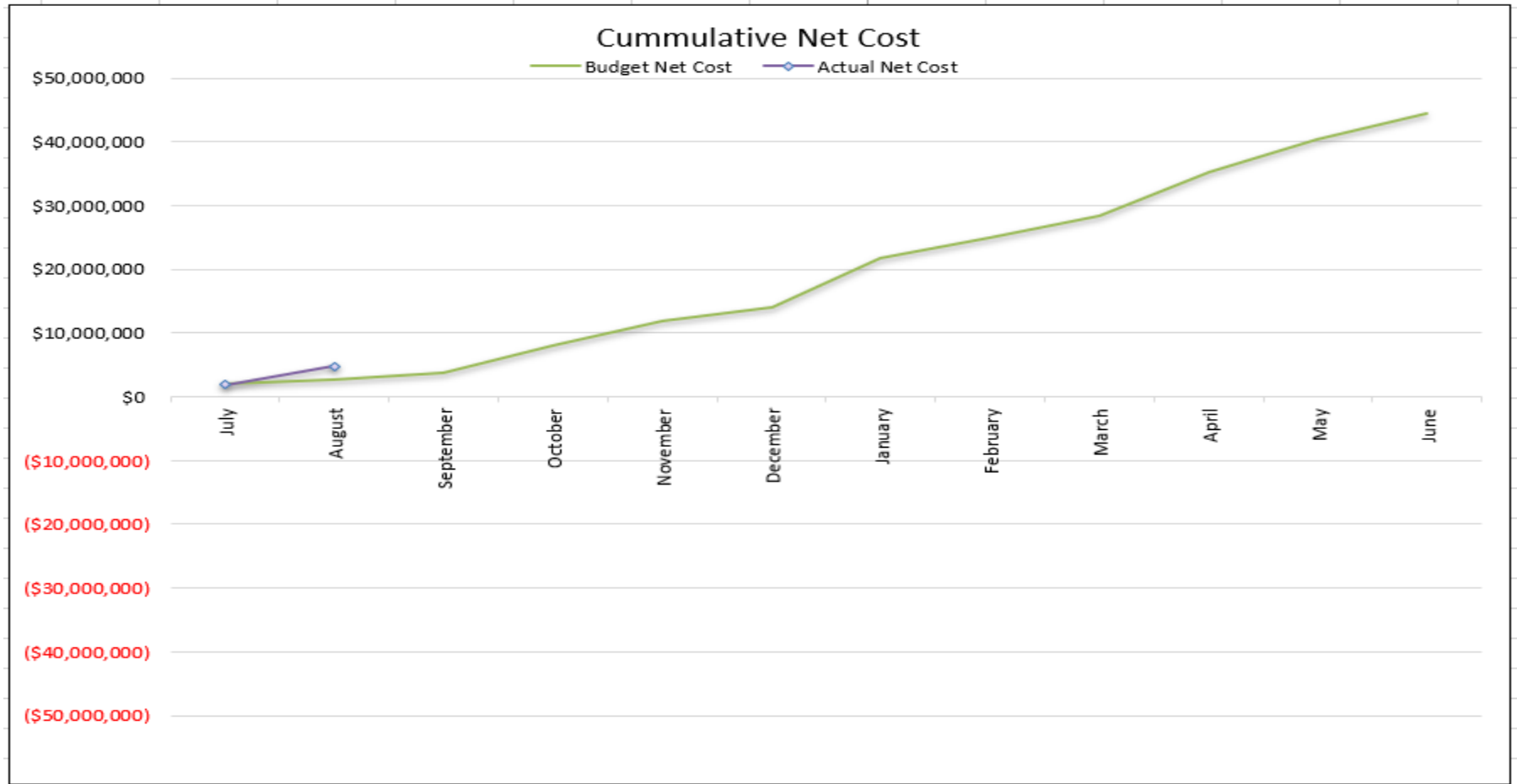
Historical Margins



Historical Monthly Comparison



- * Spark Spread on Aug 2023 @ \$18.77 \$/MWhr vs. Aug 2024 @ \$15.16 \$/MWhr
- * Spark Spread delta lower from Aug 2023 vs Aug 2024 @ \$3.61 \$/MWhr
- * Margin comparison from Aug 2023 \$2,747,086 vs Aug 2024 \$837,216



** On the cumulative chart, (historical asset reports), August was a soft revenue month when compared to the previous four years. Actual Net Cost \$4,841,350 vs Budget Net Cost \$2,666,421.

Lodi Energy Center
Monthly Budget Analysis
Expenditures
Report Date: 09/17/2024

	July	August	September	October	November	December	January	February	March	April	May	June	Year	FY2025 Budget	Percent Used	Comments
VOM	5,218,814	2,529,221	9,424,485	8,994,492	5,519,770	14,901,572	17,490,768	8,784,959	6,280,707	1,421,290	283,578	5,341,500	86,191,157	104,889,106	82.2%	
Capacity Factor	47%	25%	60%	47%	31%	68%	72%	52%	37%	0%	2%	26%	39%	39%	100.0%	CF Lower by 61% due to market weakness
Fuel Consumed (mmBTU, estimated)	758,951	396,532	950,084	776,509	501,306	1,099,159	1,160,293	806,333	639,346	0	38,334	458,913	7,585,761	8,288,573	91.5%	
Avg Fuel Cost (\$/mmBTU)	3.81	3.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	9.34	6.2%	
Power Produced (MWhr, estimated)	104,830	55,214	130,567	105,610	66,459	153,359	160,844	109,705	83,751	0	3,995	57,321	1,031,656	1,127,248	91.5%	
Avg Power Price (\$/MWhr)	70.63	62.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.52	100.57	10.5%	Avg power pricing lower by 41% due to market weakness
Operations / Variable / LTSA	155,856	174,273	138,966	1,231,897	81,769	160,880	1,249,107	119,307	97,976	1,421,290	26,418	560,603	5,418,341	5,616,489	96.5%	
Fuel (estimated)	2,893,970	1,530,807	6,911,464	5,855,258	4,198,329	11,924,837	13,170,000	6,596,698	4,569,781	0	164,657	3,615,383	61,431,184	77,589,905	79.2%	
AB32 GHG Offset (estimated)	1,477,277	730,347	2,051,246	1,676,494	1,082,328	2,373,102	2,592,922	1,801,924	1,428,755	0	85,665	1,025,540	16,325,599	18,130,062	90.0%	
CA ISO Charges (estimated)	691,711	93,794	322,810	230,843	157,344	442,753	478,739	267,031	184,195	0	6,838	139,975	3,016,033	3,552,650	84.9%	
Routine O&M (Fixed)	1,265,968	1,258,618	1,234,617	1,215,866	1,471,671	1,215,864	1,215,867	1,215,865	1,215,866	1,335,821	1,471,671	1,215,858	15,333,552	15,221,959	100.7%	
Maintenance / Fixed	301,092	326,538	288,978	288,978	288,978	288,978	288,978	288,978	288,978	408,934	288,978	288,978	3,637,366	3,587,692	101.4%	Conduct repairs to acid chemical skid and CT Igniter parts finally arrived
Administration	2,201	8,971	15,695	15,695	15,695	15,695	15,695	15,695	15,695	15,695	15,695	15,700	168,127	188,345	89.3%	
Mandatory Costs	170,786	48,533	32,189	32,189	32,189	32,189	32,189	32,189	32,189	32,189	32,189	32,190	541,210	386,269	140.1%	FX Permit application and Source testing.
Inventory Stock	0	70,753	56,250	37,500	37,500	37,500	37,500	37,500	37,500	37,500	37,500	37,500	464,503	450,000	0.0%	CCI HP Bypass valve parts finally arrived
Labor	464,848	474,063	511,609	511,609	767,413	511,609	511,609	511,609	511,609	511,609	767,413	511,609	6,566,609	6,650,919	98.7%	
Insurance	154,128	154,128	154,128	154,128	154,127	154,127	154,127	154,127	154,127	154,127	154,127	154,127	1,849,528	1,849,532	100.0%	
Power Management & Settlements	159,413	159,413	159,413	159,413	159,413	159,413	159,413	159,413	159,413	159,413	159,413	159,413	1,912,956	1,912,958	100.0%	
Other Costs	13,500	16,219	16,355	16,354	16,356	16,353	16,356	16,354	16,355	16,354	16,356	16,341	193,253	196,244	98.5%	
Projects	488,408	233,133	280,333	280,333	280,333	480,333	5,046,999	1,005,333	280,333	1,432,504	930,333	280,334	11,018,709	10,857,834	101.5%	
Maintenance Reserve	230,783	230,783	230,782	230,782	230,782	230,782	230,782	230,782	230,782	230,782	230,782	230,788	2,769,392	2,769,390	100.0%	
Operations & Maintenance Projects	257,625	2,350	49,551	49,551	49,551	49,551	49,551	49,551	49,551	1,201,722	49,551	49,546	1,907,651	1,746,778	109.2%	
Capital Projects	0	0	0	0	0	200,000	4,766,666	725,000	0	0	650,000	0	6,341,666	6,341,666	100.0%	
A&G	258,568	264,976	264,873	264,872	264,872	264,872	264,871	264,871	264,871	264,871	264,871	264,872	3,172,260	3,178,462	99.8%	
Administrative & General (Allocated)	216,457	222,865	222,868	222,867	222,867	222,867	222,866	222,866	222,866	222,866	222,866	222,866	2,667,987	2,674,401	99.8%	
Generation Services Shared	42,111	42,111	42,005	42,005	42,005	42,005	42,005	42,005	42,005	42,005	42,005	42,006	504,273	504,061	100.0%	
Total O&M Cost	7,231,758	4,285,948	11,204,308	10,755,563	7,536,646	16,862,641	24,018,505	11,271,028	8,041,777	4,454,486	2,950,453	7,102,564	115,715,678	134,147,361	86.3%	
Debt Service	2,168,156	2,168,156	0	0	0	0	0	0	0	0	0	0	4,336,312	26,017,868	16.7%	
Revenues	7,467,852	3,544,816	16,545,517	7,165,080	4,541,134	18,841,193	19,549,541	11,178,355	8,437,844	0	7,030	2,523,508	99,801,870	115,666,635	86.3%	
ISO Energy Sales (estimated)	7,403,911	3,454,165	16,332,209	6,999,753	4,449,805	18,542,462	19,140,077	10,990,204	8,280,116	0	0	2,423,424	98,016,125	113,367,408	86.5%	ISO Energy sales down by 77% due to market weakness
Other Income	63,941	90,651	213,308	165,328	91,330	298,731	409,463	188,152	157,727	0	7,030	100,084	1,785,746	2,299,227		
Net	(\$1,932,062)	(\$2,909,288)	\$5,341,209	(\$3,590,483)	(\$2,995,512)	\$1,978,552	(\$4,468,964)	(\$92,673)	\$396,066	(\$4,454,486)	(\$2,943,423)	(\$4,579,056)	(\$20,250,120)	(\$44,498,594)	Below budget by 54.49%	



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LEC Treasurer's Report

AGENDA ITEM NO.: 8

Date: October 7, 2024

To: LEC Project Participant Committee

Subject: Treasurer's Report for the Month Ended August 31, 2024

In compliance with NCPA policy and State of California Government Code Sections 53601 and 53646(b), the following monthly report is submitted for your information and acceptance.

Cash - At month end cash totaled \$274.

Investments - The carrying value of the LEC's investment portfolio totaled \$34,871,263 at month end. The current market value of the portfolio totaled \$34,241,888.

The overall portfolio had a combined weighted average interest rate of 3.402% with a bond equivalent yield (yield to maturity) of 3.404%. Investments with a maturity greater than one year totaled \$15,234,000. During the month \$2,188,704 was invested.

Funds not required to meet annual cash flow are reinvested and separately reported as they occur.

Interest Rates - During the month, rates on 90 day T-Bills decreased 18 basis points from 5.40% to 5.22% and rates on one year T-Bills decreased 46 basis points from 4.83% to 4.37%.

To the best of my knowledge and belief, all securities held by LEC as of August 31, 2024 are in compliance with the Agency's investment policy. There are adequate cash flow and investment maturities to meet next month's cash requirements.

Environmental Analysis

The Treasurer's report will 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.

Respectfully submitted,

MONTY HANKS
Assistant General Manager/CFO
Administrative Services/Finance

Prepared by:

SONDRA AINSWORTH
Treasurer-Controller

Attachments

LODI ENERGY CENTER

TREASURER'S REPORT

AUGUST 31, 2024

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CASH & INVESTMENT BALANCE	1
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INTEREST RATE/YIELD ANALYSIS	4
LIQUIDITY AND INVESTMENT MATURITIES ANALYSIS	5
DETAIL REPORT OF INVESTMENTS	APPENDIX

Northern California Power Agency/Lodi Energy Center
Treasurer's Report
Cash & Investment Balance
August 31, 2024

	CASH	INVESTMENTS	TOTAL	PERCENT	INVESTMENTS at MARKET
MANDATORY FUNDS					
Debt Service Account	\$ 274	\$ 6,521,859	\$ 6,522,133	18.70%	\$ 6,523,413
Debt Service Reserve	-	11,505,937	11,505,937	33.00%	11,310,847
O & M Reserve	-	16,709,164	16,709,164	47.91%	16,273,325
	<u>274</u>	<u>34,736,960</u>	<u>34,737,234</u>	<u>99.61%</u>	<u>34,107,585</u>
ADDITIONAL PROJECT FUNDS					
GHG Cash Account	-	134,303	134,303	0.39%	134,303
Participant Deposit Account	-	-	-	-	-
	<u>\$ 274</u>	<u>\$ 34,871,263</u>	<u>\$ 34,871,537</u>	<u>100.00%</u>	<u>\$ 34,241,888</u>

NOTE A -Investment amounts shown at book carrying value.

Northern California Power Agency/Lodi Energy Center
Treasurer's Report
Cash Activity Summary
August 31, 2024

	RECEIPTS			EXPENDITURES			CASH
	OPS/CONSTR	INTEREST (NOTE B)	INVESTMENTS (NOTE A)	OPS/CONSTR	INVESTMENTS (NOTE B)	INTER-COMPANY/ FUND TRANSFERS	INCREASE / (DECREASE)
MANDATORY FUNDS							
Debt Service Account	\$ 2	\$ 1	\$ 774	\$ -	\$ (2,167,213)	\$ 2,165,925	\$ (511)
Debt Service Reserve	-	-	-	-	-	-	-
O & M Reserve	-	31,864	10,619	-	(172,265)	129,782	-
	2	31,865	11,393	-	(2,339,478)	2,295,707	(511)
ADDITIONAL PROJECT FUNDS							
GHG Cash Account	48,800	426	-	(200,000)	150,774	-	-
Participant Deposit Account	-	-	-	-	-	-	-
TOTAL	\$ 48,802	\$ 32,291	\$ 11,393	\$ (200,000)	\$ (2,188,704)	\$ 2,295,707	\$ (511)

NOTE A -Investment amounts shown at book carrying value.

NOTE B -Net of accrued interest purchased on investments.

Northern California Power Agency/Lodi Energy Center
Treasurer's Report
Investment Activity Summary
August 31, 2024

			(NON-CASH)	(NON-CASH)	INVESTMENTS	
	PURCHASED	SOLD OR	DISC/(PREM)	GAIN/(LOSS)	TRANSFERS	INCREASE /
		MATURED	AMORT	ON SALE		(DECREASE)
MANDATORY FUNDS						
Debt Service Account	\$ 2,167,213	\$ (774)	\$ 20,503	\$ -	\$ -	\$ 2,186,942
Debt Service Reserve	-	-	13,178	-	-	13,178
O & M Reserve	172,265	(10,619)	(453)	-	-	161,193
	<u>2,339,478</u>	<u>(11,393)</u>	<u>33,228</u>	<u>-</u>	<u>-</u>	<u>2,361,313</u>
ADDITIONAL PROJECT FUNDS						
GHG Cash Account	(150,774)	-	-	-	-	(150,774)
Participant Deposit Acct.	-	-	-	-	-	-
TOTAL	<u>\$ 2,188,704</u>	<u>\$ (11,393)</u>	<u>\$ 33,228</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 2,210,539</u>

Less Non- Cash Activity

Disc/(Prem) Amortization & Gain/(Loss) on Sale

(33,228)

Net Change in Investment –Before Non-Cash Activity

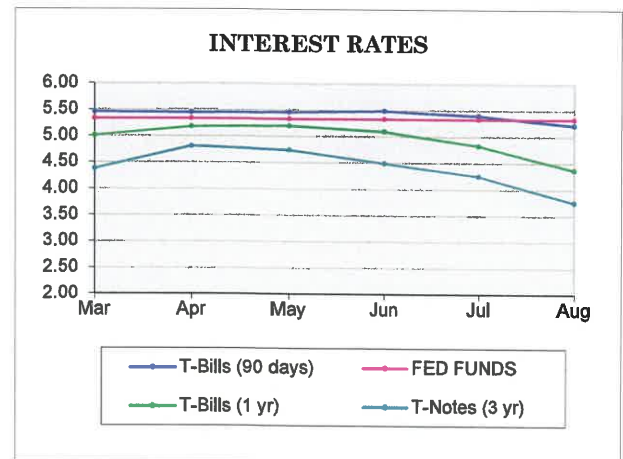
\$ 2,177,311

NOTE A -Investment amounts shown at book carrying value.

Northern California Power Agency/Lodi Energy Center
Interest Rate/Yield Analysis
August 31, 2024

	<u>WEIGHTED AVERAGE INTEREST RATE</u>	<u>BOND EQUIVALENT YIELD</u>
OVERALL COMBINED	<u>3.402%</u>	<u>3.404%</u>
Debt Service Account	5.030%	5.191%
Debt Service Reserve	3.161%	3.124%
O & M Reserve	2.916%	2.883%
GHG Cash Account	5.430%	5.430%

<u>KEY INTEREST RATES</u>		
	<u>CURRENT</u>	<u>PRIOR YEAR</u>
Fed Funds (Overnight)	5.33%	5.33%
T-Bills (90da.)	5.22%	5.58%
Agency Disc (90da.)	5.00%	5.36%
T-Bills (1yr.)	4.37%	5.39%
Agency Disc (1yr.)	4.15%	5.13%
T-Notes (3yr.)	3.75%	4.70%



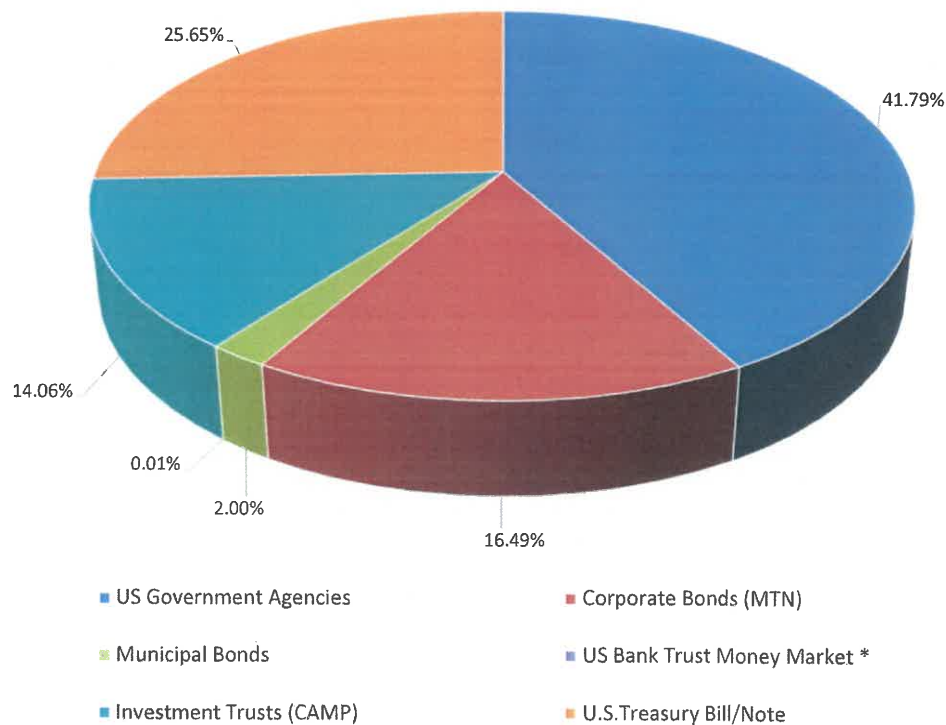
Northern California Power Agency/Lodi Energy Center
Total Portfolio
Liquidity and Investment Maturities Analysis
August 31, 2024

Type	0-7 Days	8-90 Days	91-180 Days	181-270 Days	271-365 Days	1-5 Years	6-10 Years	Total	Percent
US Government Agencies	\$ -	\$ 4,212	\$ 2,267	\$ -	\$ 2,000	\$ 6,141	\$ -	\$ 14,620	41.79%
Corporate Bonds (MTN)	-	-	465	-	-	5,304	-	5,769	16.49%
Municipal Bonds	-	-	-	-	500	200	-	700	2.00%
US Bank Trust Money Market *	5	-	-	-	-	-	-	5	0.01%
Investment Trusts (CAMP)	4,919	-	-	-	-	-	-	4,919	14.06%
U.S.Treasury Bill/Note	-	5,386	-	-	-	3,589	-	8,975	25.65%
Total Dollars	\$ 4,924	\$ 9,598	\$ 2,732	\$ -	\$ 2,500	\$ 15,234	\$ -	\$ 34,988	100.00%
Total Percents	14.07%	27.43%	7.81%	0.00%	7.15%	43.54%	0.00%	100.00%	

Investments are shown at Face Value, in thousands.

* Uninvested debt service balances at U.S. Bank Global Trust and Custody are swept into U.S. Bank unrated money market demand deposit investment products.

Portfolio Composition



NORTHERN CALIFORNIA POWER AGENCY

Detail Report Of Investments

APPENDIX

Note: **This appendix has been prepared to comply with
Government Code section 53646.**



Northern California Power Agency
Treasurer's Report

08/31/2024

LEC Issue #1 2010B DS Fund

Issuer	Trustee / Custodian	Stated Value	Interest Rate	Purchase Date	Purchased Price	Maturity Date	Days to Maturity	Bond* Equiv Yield	Market Value	CUSIP	Investment #	Carrying Value
US Bank Trust	USB	8	0.010		8		1	0.010		8 SYS79004	79004	8
Federal Home Loan Ba	USBT	674,000	5.120	06/27/2024	659,142	11/29/2024	89	5.308	665,568	313384R43	27779	665,469
U.S. Treasury	USBT	731,000	4.924	08/28/2024	721,700	11/29/2024	89	5.057	722,228	912797HP5	27804	722,100
Federal Home Loan Ba	USBT	796,000	5.050	07/29/2024	781,931	12/02/2024	92	5.212	786,026	313384R76	27789	785,727
Fund Total and Average		\$ 2,201,008	5.030		\$ 2,162,781		90	5.190	\$ 2,173,830			\$ 2,173,304

LEC Issue #2 2010B DS Fund

US Bank Trust	USB	947	0.010		947		1	0.010	947	SYS78012	79012	947
Federal Home Loan Ba	USBT	787,000	5.120	06/27/2024	769,651	11/29/2024	89	5.308	777,155	313384R43	27780	777,038
U.S. Treasury	USBT	788,000	4.925	08/28/2024	777,974	11/29/2024	89	5.057	778,544	912797HP5	27805	778,406
Federal Home Loan Ba	USBT	792,000	5.050	07/29/2024	778,001	12/02/2024	92	5.212	782,076	313384R76	27790	781,779
Fund Total and Average		\$ 2,367,947	5.030		\$ 2,326,573		90	5.191	\$ 2,338,722			\$ 2,338,170

LEC Issue#1 2017A DS Fund

Federal Home Loan Ba	USBT	681,000	5.120	06/27/2024	665,988	11/29/2024	89	5.308	672,481	313384R43	27781	672,380
U.S. Treasury	USBT	676,000	4.924	08/28/2024	667,399	11/29/2024	89	5.057	667,888	912797HP5	27806	667,769
Federal Home Loan Ba	USBT	679,000	5.050	07/29/2024	666,999	12/02/2024	92	5.212	670,492	313384R76	27791	670,237
Fund Total and Average		\$ 2,036,000	5.032		\$ 2,000,386		90	5.193	\$ 2,010,861			\$ 2,010,386
GRAND TOTALS:		\$ 6,604,955	5.030		\$ 6,489,740		90	5.191	\$ 6,523,413.			\$ 6,521,860

*Bond Equivalent Yield to Maturity is shown based on a 365 day year to provide a basis for comparison between all types. Investments with less than 6 months to maturity use an approximate method, all others use an exact method.
Current Market Value is based on prices from Trustee/ Custodian Statements or bid prices from the Wall Street Journal as of 08/31/2024



Northern California Power Agency
Treasurer's Report

08/31/2024

LEC Issue #1 2010 DSR Fund

Issuer	Trustee / Custodian	Stated Value	Interest Rate	Purchase Date	Purchased Price	Maturity Date	Days to Maturity	Bond* Equiv Yield	Market Value	CUSIP	Investment #	Carrying Value
US Bank Trust	USB	3,359	0.010		3,359		1	0.010	3,359	SYS79005	79005	3,359
Federal Home Loan Ba	USBT	20,000	4.875	04/25/2023	20,107	09/13/2024	12	4.468	19,996	3130ATVD6	27586	20,003
U.S. Treasury	USBT	38,000	5.100	06/27/2024	37,166	11/29/2024	89	5.286	37,544	912797HP5	27782	37,521
Federal Farm Credit	USBT	4,430,000	0.840	03/02/2021	4,430,000	03/02/2026	547	0.840	4,222,366	3133EMSK9	27199	4,430,000
Federal Home Loan Ba	USBT	150,000	0.875	08/27/2021	150,528	06/12/2026	649	0.799	141,965	3130AN4T4	27270	150,196
U.S. Treasury	USBT	3,589,000	4.375	01/03/2024	3,618,020	12/15/2026	835	4.080	3,627,669	91282CJF7	27700	3,611,500
Federal Home Loan Ba	USBT	120,000	4.000	07/28/2023	118,496	06/30/2028	1,398	4.285	120,870	3130AVNN63	27624	118,830
U.S. Treasury	USBT	21,000	4.375	09/28/2023	20,785	08/31/2028	1,460	4.608	21,475	91282CHX2	27647	20,826

Fund Total and Average	\$	8,371,359	2.444		\$	8,398,461	684	2.320	\$	8,195,264		\$	8,392,235
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LEC Iss#1 2010B BABS Subs Resv

US Bank Trust	USB	158	0.010		158		1	0.010	158	SYS79006	79006	158
U.S. Treasury	USBT	2,315,000	5.095	06/13/2024	2,259,629	11/29/2024	89	5.292	2,287,220	912797HP5	27774	2,285,840

Fund Total and Average	\$	2,315,158	5.095		\$	2,259,787	89	5.292	\$	2,287,378		\$	2,285,988
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LEC Issue #2 2010B DSR BABS

US Bank Trust	USB	261	0.010		261		1	0.010	261	SYS79013	79013	261
U.S. Treasury	USBT	838,000	5.095	06/13/2024	817,957	11/29/2024	89	5.292	827,944	912797HP5	27775	827,445

Fund Total and Average	\$	838,261	5.093		\$	818,218	89	5.291	\$	828,205		\$	827,706
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GRAND TOTALS:	\$	11,524,778	3.161		\$	11,476,466	523	3.124	\$	11,310,847.		\$	11,505,939
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*Bond Equivalent Yield to Maturity is shown based on a 365 day year to provide a basis for comparison between all types. Investments with less than 6 months to maturity use an approximate method, all others use an exact method.

Current Market Value is based on prices from Trustee/ Custodian Statements or bid prices from the Wall Street Journal as of 08/31/2024

Callable Dates:

Inv #

27199 FFCB Anytime



Northern California Power Agency

Treasurer's Report

08/31/2024

LEC O & M Reserve

Issuer	Trustee / Custodian	Stated Value	Interest Rate	Purchase Date	Purchased Price	Maturity Date	Days to Maturity	Bond* Equiv Yield	Market Value	CUSIP	Investment #	Carrying Value
First American Govt.	USBGC	0	5.180		0		1	5.180	0	SYS70041	70041	0
California Asset Mgm	CMP	4,784,619	5.430	09/09/2022	4,784,619		1	5.430	4,784,619	SYS70075	70075	4,784,619
Local Agency Investm		0	3.590	07/01/2024	0		1	3.590	0	SYS70047	70047	0
Federal Farm Credit	USBGC	2,050,000	5.375	09/15/2023	2,053,075	09/13/2024	12	5.217	2,050,041	3133EPVU6	27640	2,050,103
Caterpillar Financia	USBGC	465,000	3.250	02/03/2020	496,569	12/01/2024	91	1.776	462,703	14912L6G1	26952	466,635
Nashville Met Gov	USBGC	350,000	0.610	09/18/2023	350,000	07/01/2025	303	0.609	338,548	592112XG5	27645	350,000
Nashville Met Gov	USBGC	150,000	0.610	09/18/2023	150,000	07/01/2025	303	0.609	144,981	592112XA9	27646	150,000
Federal National Mtg	USBGC	1,000,000	0.600	07/30/2020	1,001,000	07/29/2025	331	0.579	984,290	3136G4D75	27047	1,000,182
Federal National Mtg	USBGC	1,000,000	0.600	08/18/2020	1,000,000	08/18/2025	351	0.600	982,290	3136G4G72	27057	1,000,000
Federal Farm Credit	USBGC	750,000	0.530	09/29/2020	750,000	09/29/2025	393	0.530	721,965	3133EMBH4	27083	750,000
Federal Farm Credit	USBGC	670,000	0.530	09/29/2020	670,000	09/29/2025	393	0.530	644,955	3133EMBJ0	27084	670,000
Apple Inc.	USBGC	500,000	0.700	02/17/2021	500,000	02/08/2026	525	0.699	475,760	037833EB2	27170	500,000
JP Morgan	USBGC	500,000	1.200	04/30/2021	500,000	04/30/2026	606	1.200	473,225	48128G3G3	27222	500,000
MassMutual Global Fu	USBGC	1,000,000	1.200	08/02/2021	1,007,220	07/16/2026	683	1.050	942,340	57629WDE7	27250	1,002,732
Bank of America Corp	USBGC	100,000	1.250	08/26/2021	100,000	08/26/2026	724	1.250	93,352	06048WN22	27259	100,000
Caterpillar Financia	USBGC	500,000	1.150	10/13/2021	498,165	09/14/2026	743	1.227	470,020	14913R2Q9	27290	499,241
TSMC Arizona Corp.	USBGC	850,000	1.750	12/08/2021	857,242	10/25/2026	784	1.567	804,449	872898AA9	27335	853,190
Public Storage	USBGC	515,000	1.500	11/15/2021	515,242	11/09/2026	799	1.490	484,527	74460DAG4	27310	515,106
Public Storage	USBGC	1,064,000	1.500	12/08/2021	1,065,234	11/09/2026	799	1.475	1,001,043	74460DAG4	27341	1,064,549
City of Beverly Hill	USBGC	200,000	1.327	06/28/2022	179,194	06/01/2027	1,003	3.654	185,204	088006KB6	27424	188,382
Mercedes-Benz Fin. N	USBGC	275,000	3.750	06/26/2023	260,832	02/22/2028	1,269	5.003	269,013	233851DF8	27609	284,425
Fund Total and Average		\$ 16,723,619	2.916		\$ 16,738,392		336	2.883	\$ 16,273,325			\$ 16,709,164
GRAND TOTALS:		\$ 16,723,619	2.916		\$ 16,738,392		336	2.883	\$ 16,273,325.			\$ 16,709,164

*Bond Equivalent Yield to Maturity is shown based on a 365 day year to provide a basis for comparison between all types.

Investments with less than 6 months to maturity use an approximate method, all others use an exact method.

Current Market Value is based on prices from Trustee/ Custodian Statements or bid prices from the Wall Street Journal as of 08/31/2024

Callable Dates:

Inv #	
27047	FHLMC Quarterly
27057	FNMA Quarterly
27083	FFCB Anytime
27084	FFCB Anytime
27170	APPL Anytime starting 1/8/2026
27222	JPM Annually
27259	BAC Semi-annually



Northern California Power Agency
Treasurer's Report

08/31/2024

LEC GHG Auction Acct

Issuer	Trustee / Custodian	Stated Value	Interest Rate	Purchase Date	Purchased Price	Maturity Date	Days to Maturity	Bond* Equiv Yield	Market Value	CUSIP	Investment #	Carrying Value
California Asset Mgmt	CMP	134,303	5.430	09/13/2022	134,303		1	5.430	134,303	SYS70077	70077	134,303
Local Agency Investm		0	3.590	07/01/2024	0		1	3.590	0	SYS70046	70046	0
Fund Total and Average		\$ 134,303	5.430		\$ 134,303		1	5.430	\$ 134,303			\$ 134,303
GRAND TOTALS:		\$ 134,303	5.430		\$ 134,303		1	5.430	\$ 134,303			\$ 134,303

*Bond Equivalent Yield to Maturity is shown based on a 365 day year to provide a basis for comparison between all types. Investments with less than 6 months to maturity use an approximate method, all others use an exact method.
Current Market Value is based on prices from Trustee/ Custodian Statements or bid prices from the Wall Street Journal as of 08/31/2024



Lodi Energy Center Project Participant Committee

LEC Financial Reports

AGENDA ITEM NO.: 9

Date: October 7, 2024

To: Lodi Energy Center Project Participant Committee

Subject: August 31, 2024 Financial Reports (Unaudited)

**NORTHERN CALIFORNIA POWER AGENCY
LODI ENERGY CENTER
STATEMENTS OF NET POSITION
UNAUDITED**

		August	
		2024	2023
ASSETS			
CURRENT ASSETS			
Cash and cash equivalents	\$	134,303	\$ 167,463
Interest receivable		73,768	25,266
Inventory and supplies - at average cost		2,818,256	2,351,179
Prepaid insurance		460,654	429,154
Due from (to) Agency, net		21,799,659	35,734,692
TOTAL CURRENT ASSETS		25,286,640	38,707,754
RESTRICTED ASSETS			
Cash and cash equivalents		4,789,624	5,469,776
Investments		29,947,610	29,177,087
Interest receivable		53,901	61,174
TOTAL RESTRICTED ASSETS		34,791,135	34,708,037
ELECTRIC PLANT			
Electric plant in service		447,698,040	447,461,790
Less: accumulated depreciation		(156,110,048)	(141,342,923)
TOTAL ELECTRIC PLANT		291,587,992	306,118,867
OTHER ASSETS			
Regulatory assets		27,927,690	28,985,024
TOTAL OTHER ASSETS		27,927,690	28,985,024
TOTAL ASSETS		379,593,457	408,519,682
DEFERRED OUTFLOWS OF RESOURCES			
Unamortized excess cost on advance refunding of debt, net		145,194	461,391
Asset retirement obligations		207,231	199,911
TOTAL DEFERRED OUTFLOWS OF RESOURCES		352,425	661,302
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	\$	379,945,882	\$ 409,180,984

**NORTHERN CALIFORNIA POWER AGENCY
LODI ENERGY CENTER
STATEMENTS OF NET POSITION
UNAUDITED**

	August	
	2024	2023
LIABILITIES & NET POSITION		
CURRENT LIABILITIES		
Accounts and retentions payable	\$ 1,531,046	\$ 5,722,548
Operating reserves	22,080,846	18,458,942
Current portion of long-term debt	14,656,591	14,239,000
Accrued interest payable	3,044,128	3,098,919
TOTAL CURRENT LIABILITIES	41,312,611	41,519,409
NON-CURRENT LIABILITIES		
Operating reserves and other deposits	133,252	165,932
Asset retirement obligations	207,231	199,911
Long-term debt, net	287,053,174	301,709,764
TOTAL NON-CURRENT LIABILITIES	287,393,657	302,075,607
TOTAL LIABILITIES	328,706,268	343,595,016
DEFERRED INFLOWS OF RESOURCES		
Regulatory credits	36,977,920	37,431,034
NET POSITION		
Invested in capital assets, net of related debt	(970,308)	3,628,434
Restricted	6,968,631	3,519,062
Unrestricted	8,263,371	21,007,438
TOTAL NET POSITION	14,261,694	28,154,934
TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION	\$ 379,945,882	\$ 409,180,984

**NORTHERN CALIFORNIA POWER AGENCY
LODI ENERGY CENTER
STATEMENT OF REVENUES, EXPENSES
& CHANGES IN NET POSITION
UNAUDITED**

		Two Months Ended August	
		2024	2023
SALES FOR RESALE			
Participants	\$	13,201,808	\$ 22,443,592
Other		10,875,476	18,462,022
TOTAL SALES FOR RESALE		24,077,284	40,905,614
OPERATING EXPENSES			
Operations		6,651,291	12,017,172
Depreciation & amortization		2,360,150	2,358,792
Purchased power		709,558	675,757
Maintenance		709,199	897,922
Administrative and general		1,582,115	1,405,170
Transmission		95,521	96,070
Intercompany (sales) purchases		84,223	65,473
TOTAL OPERATING EXPENSES		12,192,057	17,516,356
NET OPERATING REVENUES		11,885,227	23,389,258
OTHER REVENUES (EXPENSES)			
Interest expense		(2,016,808)	(2,112,249)
Interest income		1,213,494	1,725,431
Other		567,464	696,095
TOTAL OTHER REVENUES (EXPENSES)		(235,850)	309,277
FUTURE RECOVERABLE AMOUNTS		(257,700)	(158,062)
INCREASE IN NET POSITION		11,391,677	23,540,473
NET POSITION			
Beginning of year		2,870,017	4,614,461
	\$	14,261,694	\$ 28,154,934

Lodi Energy Center
FY 2025 Operating Costs
As of August 31, 2024

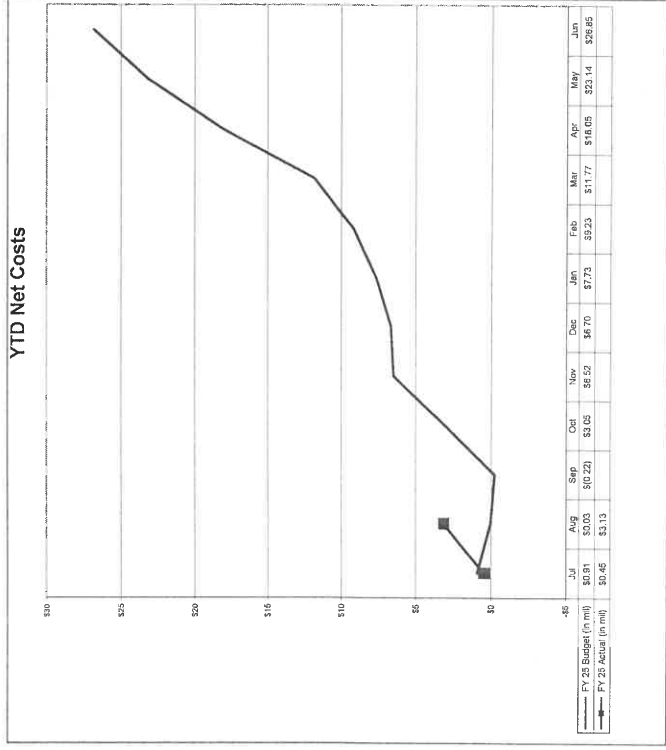
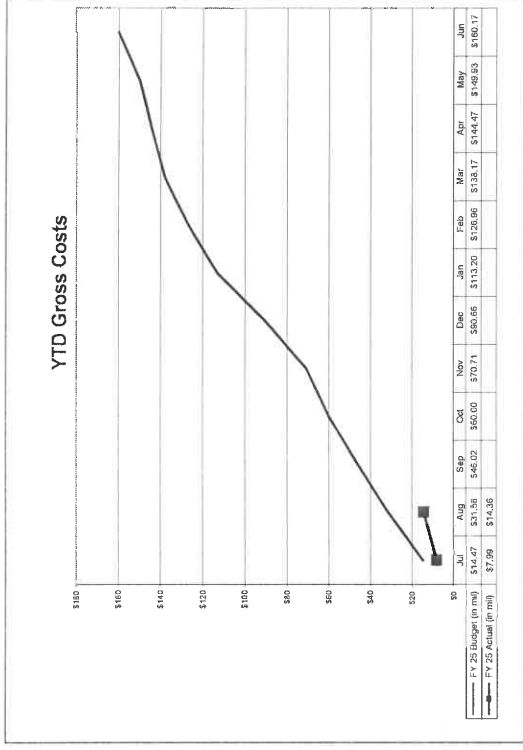
	Annual Budget	Actual	Remaining	YTD % Remaining	Notes
Variable Costs					
Variable	\$ 5,616,489	\$ 330,129	\$ 5,286,360	94%	
Fuel & LDC Costs	77,589,905	4,766,249	72,823,656	94%	
GHG Allowance Costs	18,130,063	352,738	17,777,325	98%	
CA ISO Charges	675,952	95,521	580,431	86%	
CA ISO Energy Purchases	2,876,697	709,558	2,167,139	75%	A
Total Variable Costs	104,889,106	6,254,195	98,634,911	94%	
Routine O&M Costs					
Fixed O&M	3,587,692	627,630	2,960,062	83%	
Administration	188,345	11,172	177,173	94%	
Mandatory Costs	386,269	219,320	166,949	43%	
Routine O&M Costs without Labor	4,612,306	928,875	3,683,431	80%	B
Labor	6,650,919	938,910	5,712,009	86%	
Total Routine O&M Cost	11,263,225	1,867,785	9,395,440	83%	
Other Plant Costs					
Debt Service	26,017,868	4,336,311	21,681,557	83%	
Insurance	1,849,532	308,255	1,541,277	83%	
Other Costs	196,244	29,719	166,525	85%	
Generation Services Shared	504,061	84,223	419,838	83%	
Administrative & General (Allocated)	2,674,401	439,322	2,235,079	84%	
Power Management Allocated Costs	1,912,958	318,826	1,594,132	83%	
Total Other Plant Costs	33,155,064	5,516,656	27,638,408	83%	
Total O&M Costs	149,307,395	13,638,636	135,668,759	91%	
Projects					
Operations & Maintenance	1,746,778	259,975	1,486,803	85%	
Capital	6,341,666	-	6,341,666	100%	
Maintenance Reserve	2,769,390	461,565	2,307,825	83%	
Total Projects	10,857,834	721,540	10,136,294	93%	
Annual Cost	160,165,229	14,360,176	145,805,053	91%	
Less: Third Party Revenue					
Interest Income	250,000	153,722	96,278	39%	
ISO Energy Sales	113,367,408	10,579,299	102,788,109	91%	
Ancillary Services Sales	2,049,227	296,177	1,753,050	86%	
Other Income	-	870	(870)	0%	
Net Annual Cost to Participants (without GHG Transfer Credits)	115,666,635	11,030,068	104,636,567	90%	
Net Annual Cost to Participants (with GHG Transfer Credits)	44,498,594	3,330,108	41,168,486	99%	
GHG Allowance Credits	17,646,370	201,538	17,444,832	99%	
Net Annual Cost to Participants (with GHG Transfer Credits)	\$ 26,852,224	\$ 3,128,570	\$ 23,723,654	88%	
Total Variable Costs	104,889,106	6,254,195	98,634,911		
Total Fixed Costs	55,276,123	8,105,981	47,170,142		
	\$ 160,165,229	\$ 14,360,176	\$ 145,805,053		
Net Cumulative Generation (MWh)	1,626,895	160,041			
Total O&M Cost Per MWh	\$ 91.77	\$ 85.22			
Net Annual Cost Per MWh	\$ 16.51	\$ 19.55			
Net Annual Cost Per KW Month	\$ 7.41	\$ 0.86			

Footnotes:

General - The plant ran 13 out of 31 days during the month due to economics.

A - Higher CAISO costs due to higher prices for settlement charges during the month.

B - Expenditure for annual permit fees to Air Resources Board. Costs are expected to levelize during the year.



In MWh

[illegible]



Lodi Energy Center Project Participant Committee

LEC GHG Reports

AGENDA ITEM NO.: 10

Date: October 7, 2024

To: Lodi Energy Center Project Participant Committee

Subject: GHG Reports (excerpted from monthly ARB)

[illegible]

	CY 2024 NCPA All Resources Bill LEC GHG Compliance Instrument Detail Report for Lodi Energy Center													
	Actual								Estimated				CY 2024	Cumulative
IDENTIFIER	January	February	March	April	May	June	July	August	September	October	November	December	Total	Total
Energy (MWh)	155,019	73,755	11,543	1,608	4,282	8,183	104,829	55,212	60,149	83,349	54,267	71,882	684,078	13,019,875
Gas Schedule (MMBtu)	1,076,706	519,176	82,361	20,954	33,351	60,696	778,877	412,027	466,760	646,790	421,113	557,801	5,076,612	93,710,395
Emissions Factor (MT/MMBtu)	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054		
HVAC/Water Heater (MT)	0	0	0	0	0	0	0	0	0	0	0	0	0	6,315
Monthly MT Obligation (MTO)	58,104	28,017	4,445	1,131	1,800	3,275	42,032	22,235	25,189	34,904	22,725	30,102	273,959	5,065,133
Annual Cal e-GGRT/MT Obligation True Up (MTO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumulative MT Obligation (MTO)	1,326,057	1,354,074	1,358,519	1,359,650	1,361,450	1,364,725	1,406,757	1,428,992	1,454,181	1,489,085	1,511,810	1,541,912	1,541,912	1,541,912
Compliance Instrument Participant Transfers														
Carryover Allowances	10,000	0	0	0	0	0	0	0	0	0	0	0	10,000	109,263
Auction Allowances	939	294	0	0	0	0	1,067	2,008	82,875	0	0	0	87,183	5,189,703
Secondary Market Allowances	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserve Sale Allowances	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsets	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Compliance Instrument Participant Transfers (MT)	10,939	294	0	0	0	0	1,067	2,008	82,875	0	0	0	97,183	5,298,966
NCPA Compliance Instrument Purchases														
Auction Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	47,000
Secondary Market Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserve Sale Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Offsets Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Compliance Instrument NCPA Purchases (MT)	0	0	0	0	0	0	0	0	0	0	0	0	0	47,000
Compliance Instruments Internal Transfers (LEC from/to STIG)	0	0	0	0	0	0	0	0	0	0	0	0	0	(678)
Compliance Instruments Surrendered to CARB (MT)	0	0	0	0	0	0	0	0	0	0	0	0	0	3,517,755
Total Monthly Activity (MT)	10,939	294	0	0	0	0	1,067	2,008	82,875	0	0	0	97,183	5,345,288
Cumulative MT Account Balance (MTA)	1,741,967	1,742,261	1,742,261	1,742,261	1,742,261	1,742,261	1,743,328	1,745,336	1,828,211	1,828,211	1,828,211	1,828,211	1,828,211	1,828,211
MTA Shortfall (MT)	(415,910)	(388,187)	(383,742)	(382,611)	(380,811)	(377,536)	(336,571)	(316,344)	(374,030)	(339,126)	(316,401)	(286,299)	(286,299)	(286,299)
Current Month CCA Balance (\$)	0	0	0	0	0	0	0	0	0	128,918	0	0	0	128,918
Monthly GHG Price	41.40	40.44	37.56	37.87	39.19	38.10	33.04	33.59	38.64	34.72	34.86	39.18		



Lodi Energy Center Project Participant Committee Staff Report

AGENDA ITEM NO.: 11

Meeting Date: October 7, 2024

To: Lodi Energy Center Project Participant Committee

Subject: Approval of Northern California Power Agency's (NCPA) Property Insurance Program for Calendar Year 2025

Proposal

LEC PPC delegates authority to the General Manager to negotiate and bind Property coverage with FM at a not-to-exceed premium of \$1,800,000 for CY2025.

Background

One of the goals identified in the 2021-2026 Strategic Plan was to develop a long-term, cost-effective insurance coverage strategy while building solid relationships between the Agency and its insurers. For the last three years, the Agency has created a valued partnership with FM (formerly FM Global), which has helped build resiliency across NCPA assets by providing loss control engineering in addition to policy coverages. However, staff instructed the Agency's broker, Alliant, to present the property program to the insurance markets to ensure the Agency was still achieving a cost-effective program. At the same time, staff worked closely with FM to obtain a renewal quote for CY2025. Fielding multiple renewal proposals aims to maximize the value of the Property Insurance program while minimizing the fiscal impacts on the Agency.

Loss History

Over the last two calendar years, the Agency has experienced several unforeseen losses, detailed in the table below. During this period, the Agency made claims for property and business interruption losses above \$12,300,000, recovered over \$8,300,000, and paid \$4,000,000 in deductibles. The total amount collected by the Agency from claims represents 71% of gross premiums collected by FM since CY2022 or 106% since CY2023. Loss history is a significant contributor to how an insurer rates the risk of an insurance program and, subsequently, is one of the main drivers of premiums. While LEC experienced no losses over the last three years, NCPA's property insurance program is a shared program where premium increases/decreases are distributed on a percentage basis of the total insured value of all the Agency's assets. This table does not include the \$40m turbine loss LEC experienced in 2020.

Location/Loss	CY	Property Loss	Business Interruption Loss*	Total Collected Less Deductible**
Geo/Unit 4 Strainer	2023	\$1,997,850		\$997,850
Geo/Unit 1 Strainer	2024	\$1,541,182	\$5,628,500	\$6,169,682
Geo/Unit 4 Oil Pump	2024	\$1,624,933		\$624,933
Hydro/Tailrace***	2024			\$0
Hydro/Handrails	2024	\$1,514,309		\$514,309
			Total:	\$8,306,774

*There was no recoverable BI loss for claims where there are no reported value

**Property Damage deductible is \$1,000,000 for all claims relating to real property

***FM denied the claim, but the claim has been filed with FEMA for recovery

Statement of Values

Property Values (Building + Machinery and Equipment)

For all the Agency's property assets, a 3.1% increase in building values and a 6.3% increase in machinery and equipment values over the CY2024 values were used to obtain actual values for CY2025 based on market trends. The reported value of the Agency's property assets is \$1,415,884,556 (\$553,782,323 for LEC); this does not include Business Interruption Insurance.

Business Interruption Insurance (BI)

LEC has declined Business Interruption Insurance as this has historically been the case for previous years.

Total Insured Value (TIV)

The total insured value is the sum of the Statement of Property Values and Business Interruption Insurance for each location. The insurance markets use the TIV to calculate the total insurance premium for a given calendar year. The following TIVs were provided to Alliant and FM:

Location	Building Value	Machinery & Equipment	Total Property	BI*	Total
LEC	\$25,818,818	\$527,963,505	\$553,782,323		\$553,782,323
CTs		\$53,266,492	\$53,266,492		\$53,266,492
Hydro	\$64,006,038	\$331,107,014	\$395,113,052	\$94,989,815	\$490,102,867
Geo	\$317,261,280	\$79,251,135	\$396,512,415	\$79,353,757	\$475,866,172
HQ/Admin	\$13,057,792	\$4,152,482	\$17,210,274		\$17,210,274
		TOTALS:	\$1,415,884,556	\$174,343,572	\$1,590,228,129

*Business Interruption Insurance is not elected for LEC and the CTs.

Alliant Proposal

Alliant solicited the property insurance markets to obtain a not-to-exceed quote for the Agency's property assets. AEGIS, the prior property insurance provider, indicated a premium between \$6,500,000 and \$7,500,000, where AEGIS would take 40% of the program and layer additional insurers to reach 100% coverage. AEGIS would impose a \$10,000,000 deductible for any wildfire loss while leaving the existing deductibles unchanged. Additionally, AEGIS will only offer limits up to \$350,000,000 versus \$500,000,000 from FM.

FM Proposal

FM is the current incumbent providing property insurance for the Agency's property assets. Due to the Agency's loss history, FM is seeking a rate increase of 24.6% over the expiring premium. While loss history is a significant contributor to rate increases, FM indicated that clients across their power generation book were seeing rate increases between 7.5% and 10%. FM presented staff with two proposals for the renewal of the CY2025 Property Insurance. Option one is to make no changes to the program and keep the deductibles at the current levels (\$1m/\$2m LEC turbine). Option two is to raise all current deductibles to \$3,000,000, resulting in a \$400,000 premium credit. During discussions with FM, they indicated that the \$1m/\$2m deductibles would not be an option for the CY2026 renewal and that \$3,000,000 is appropriate for a power generation client. The total premium for option one and option two are detailed below:

	Option 1	Option 2
2025 TIV	\$1,590,228,129	\$1,590,228,129
2025 Premium	\$5,450,000	\$ 5,450,000
2025 TRIA	\$237,306	\$237,306
2025 Membership Credit	(\$335,364)	(\$335,364)
Inc. Deductible Credit	--	(\$400,000)
Net Premium	\$5,351,942	\$4,951,942

Discussion

The property insurance premium is allocated based on the total insured value, calculated as Property Value + BI. Based on the recommendation of selection Option 2, the expected CY2025 Property Insurance Renewal Premium is at a not-to-exceed of \$5,100,000. NCPA's commitment is an NTE of \$3,300,000, while LEC's is an NTE of \$1,800,000 for the CY2025 renewal.

Fiscal Impact:

The total cost to renew the Property Insurance program with FM is not to exceed \$5,100,000, of which \$1,800,000 is attributed to LEC.

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

Submitted by:

Randall Kramer
Energy Risk Analyst



Lodi Energy Center Project Participant Committee Staff Report

AGENDA ITEM NO.: 12

Meeting Date: October 7, 2024

To: Lodi Energy Center Project Participant Committee

Subject: Hill Brothers Chemical Company – Five Year Multi-Task Agreement for Purchase of Equipment, Materials and Supplies; Applicable to the following projects: All Northern California Power Agency (NCPA) Facilities

Proposal

Approve the Multi-Task Agreement for Purchase of Equipment, Materials and Supplies with Hill Brothers Chemical Company for chemical purchases, with any non-substantial changes recommended and approved by the NCPA General Counsel, which shall not exceed \$2,500,000 over five years for use at any facilities owned and/or operated by NCPA.

Background

Various chemicals are required from time to time for the operation and maintenance of facilities owned and/or operated by NCPA. NCPA has utilized this vendor in the past, and has a good working relationship with this vendor. NCPA desires to enter into this agreement so established terms and conditions are in place should this vendor be the successful bidder on future purchases. NCPA has agreements in place for similar purchases with Brenntag Pacific, Inc., Industrial Solution Services, Northstar Chemical, Thatcher Company of California and Univar Solutions.

Selection Process

This enabling agreement does not commit NCPA to any expenditure of funds. At the time services are needed, NCPA will bid the specific scope of work consistent with NCPA procurement policies and procedures. NCPA seeks bids from qualified providers as required. Bids are awarded to the vendor providing the best overall value to NCPA. NCPA will issue purchase orders based on cost and availability of the services needed at the time the service is required.

Fiscal Impact

Upon execution, the total cost of the agreement is not to exceed \$2,500,000 over five years. Purchase orders referencing the terms and conditions of the agreement will be issued following NCPA procurement policies and procedures.

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.

Submitted by:

Michael DeBortoli
Assistant General Manager
Generation Services

Attachments: (1)

- Multi-Task Agreement for Purchase of Equipment, Materials and Supplies with Hill Brothers Chemical Company



**MULTI-TASK
AGREEMENT FOR PURCHASE OF
EQUIPMENT, MATERIALS AND SUPPLIES
BETWEEN
THE NORTHERN CALIFORNIA POWER AGENCY AND
HILL BROTHERS CHEMICAL COMPANY**

This Agreement for Purchase of Equipment, Materials and Supplies ("Agreement") is made by and between the Northern California Power Agency, a joint powers agency, with its main offices located at 651 Commerce Drive, Roseville, CA, 95678-6420 ("Agency") and Hill Brothers Chemical Company, a corporation whose principal office is located at 3000 E. Birch Street, Suite 108, Brea, CA 92821 ("Supplier") (together sometimes referred to as the "Parties") as of _____, 2024 (the "Effective Date").

Section 1. SCOPE. In accordance with the terms and conditions set forth in this Agreement, Supplier is willing to deliver the equipment, materials and supplies ("Goods") described in Exhibit A, attached hereto and incorporated herein to the designated Project Site, DDP, when requested by the Agency. Supplier shall be responsible at its sole expense for delivering the Goods to the designated Project Site and title shall not pass until the Agency accepts delivery at this Site. In the event of a conflict or inconsistency between the terms of this Agreement and Exhibit A, this Agreement shall prevail.

Section 2. PROJECT SITE. Goods provided under this Agreement by Supplier may include Goods delivered directly to the "designated Project Site", as that term is used herein, shall mean the site for delivery, DDP.

Section 3. TERM OF AGREEMENT. This Agreement shall begin upon Effective Date and shall end on the earlier of five (5) years after the Effective Date or when Supplier has provided to Agency the Goods described in Exhibit A.

Section 4. REQUEST FOR GOODS. At such time that Agency determines to have Supplier provide Goods under this Agreement, Agency shall issue a Purchase Order. The Purchase Order shall identify the specific Goods to be provided ("Requested Goods"), may include a not-to-exceed cap or monetary cap on the Requested Goods and all related expenditures authorized by that Purchase Order, and shall include a time by which the Requested Goods shall be delivered. Supplier shall have seven calendar days from the date of the Agency's issuance of the Purchase Order in which to respond in writing that Supplier chooses not to provide the Requested Goods. If Supplier agrees to provide the Requested Goods, begins to provide the Requested Goods, or does not respond within the seven day period specified, then Supplier will have agreed to provide the Requested Goods on the terms set forth in the Purchase Order, this Agreement and its Exhibits.

Section 5. COMPENSATION. Agency hereby agrees to pay Supplier for the Goods an amount not to exceed TWO MILLION FIVE HUNDRED THOUSAND dollars (\$2,500,000.00) as total compensation under this Agreement, which includes all shipping, taxes (if applicable), insurance, delivery charges, and any other fees, costs or charges. This dollar amount is not a

guarantee that Agency will pay that full amount to the Supplier, but is merely a limit of potential Agency expenditures under this Agreement.

- 5.1 **Invoices.** Supplier shall have ninety (90) days after the delivery of Goods to invoice Agency for all amounts due and outstanding under this Agreement. Supplier shall include the number of the Purchase Order which authorized the Goods for which Supplier is seeking payment. In the event Supplier fails to invoice Agency for all amounts due within such ninety (90) day period, Supplier waives its right to collect payment from Agency for such amounts. All invoices shall be submitted to:

Northern California Power Agency
651 Commerce Drive
Roseville, California 95678
Attn: Accounts Payable
AcctsPayable@ncpa.com

- 5.2 **Payment.** Agency shall pay all invoices within thirty (30) days of the receipt of any invoice for Goods satisfactorily received.
- 5.3 **Timing for Submittal of Final Invoice.** Supplier shall have ninety (90) days after delivery of the Requested Goods to submit its final invoice for the Requested Goods. In the event Supplier fails to submit an invoice to Agency for any amounts due within the ninety (90) day period, Supplier is deemed to have waived its right to collect its final payment for the Requested Goods from Agency.

Section 6. INSURANCE REQUIREMENTS. Before beginning any work under this Agreement, Supplier, at its own cost and expense, shall procure the types and amounts of insurance listed below for the period covered by the Agreement.

- 6.1 **Workers' Compensation.** If Supplier employs any person, Supplier shall maintain Statutory Workers' Compensation Insurance and Employer's Liability Insurance for any and all persons employed directly or indirectly by Supplier with limits of not less than one million dollars (\$1,000,000) per accident.
- 6.2 **Automobile Liability.** Supplier shall maintain automobile liability insurance for the term of this Agreement covering any loss or liability, including the cost of defense of any action, arising from the operation, maintenance or use of any vehicle, whether or not owned by the Supplier, on or off Agency premises. The policy shall provide a minimum limit of \$3,000,000 per each accident, with \$5,000,000 aggregate. This insurance shall provide contractual liability covering all motor vehicles and mobile equipment utilized in the transport of the Goods to the Agency's Project Site.
- 6.3 **Commercial General Liability (CGL).** Supplier shall maintain commercial general liability coverage covering Goods, including product liability, covering any loss or liability, including the cost of defense of any action, for bodily injury,

death, personal injury and broad form property damage which may arise out of the operations of Supplier in regard to this Agreement with not less than \$3,000,000/\$5,000,000 aggregate for bodily injury and property damage, on an occurrence basis. No endorsement shall be attached limiting the coverage.

- 6.4 General Liability/Umbrella Insurance.** The coverage amounts set forth above may be met by a combination of underlying and umbrella policies as long as in combination the limits equal or exceed those stated.

6.5 All Policies Requirements.

6.5.1 Verification of Coverage. Prior to beginning any work under this Agreement, Supplier shall, at the sole option of the Agency, provide Agency with (1) a Certificate of Insurance that demonstrates compliance with all applicable insurance provisions contained herein and (2) policy endorsements to the automobile liability policy and the CGL policy adding the Northern California Power Agency as an Additional Insured and declaring such insurance primary in regard to work performed pursuant to this Agreement and that Agency's insurance is excess and non-contributing.

6.5.2 Notice of Reduction in or Cancellation of Coverage. Supplier agrees to provide at least thirty (30) days prior written notice of any cancellation or reduction in scope or amount of the insurance required under this Agreement.

6.5.3 Waiver of Subrogation. Supplier agrees to waive subrogation which any insurer of Supplier may acquire from Supplier by virtue of the payment of any loss. Supplier agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation.

6.5.4 Self-Insured Retention. Supplier shall declare the amount of the self-insured retention to the Agency; the amount shall be not more than \$100,000.

6.5.5 Additional Certificates and Endorsements. Not Applicable.

6.6 Pollution Insurance. If Contractor's Work involves its transporting hazardous materials, then Contractor shall obtain and maintain Contractors' Pollution Liability Insurance of not less than two million dollars (\$2,000,000) for any one occurrence and not less than four million dollars (\$4,000,000) aggregate. Any deductible or self-insured retention shall not exceed two hundred fifty thousand dollars (\$250,000) per claim. Such insurance shall be on "an occurrence" basis. In addition, Contractor shall ensure that such insurance complies with any applicable requirements of the California Department of Toxic Substances Control and California regulations relating to the transport of hazardous materials (Health & Safety Code sections 25160 *et seq.*).

“Hazardous Materials” means any toxic or hazardous substance, hazardous material, dangerous or hazardous waste, dangerous good, radioactive material, petroleum or petroleum-derived products or by-products, or any other chemical, substance, material or emission, that is regulated, listed, or controlled pursuant to any national, state, or local law, statute, ordinance, directive, regulation, or other legal requirement of the United States.

Section 7. WARRANTY. In addition to any and all warranties provided or implied by law or public policy, or any other warranties provided by Supplier, Supplier warrants that all Goods are free from defects in design and workmanship; comply with applicable federal, state and local laws and regulations; are new, of good quality and workmanship, and free from defects; are suitably safe and sufficient for the purpose for which they are normally used; and are not subject to any liens or encumbrances. Supplier shall provide all Goods in accordance with all applicable engineering, construction and other codes and standards, in accordance with prudent electrical utility standards, and in accordance with the terms of this Agreement applicable to such Goods, all with the degree of high quality and workmanship expected from purveyors engaged in the practice of providing materials and supplies of a similar nature. Moreover, if, during the term of this Agreement (or during the one (1) year period following the term hereof, unless Supplier’s warranty is for greater than one (1) year, in which case Supplier’s warranty shall be applied), the Goods provided by Supplier under this Agreement fail due to defects in material and/or workmanship or other breach of this Agreement, Supplier shall, upon any reasonable written notice from Agency, replace or repair the same to Agency’s satisfaction.

Section 8. INDEMNIFICATION AND SUPPLIER’S RESPONSIBILITIES.

- 8.1 Effect of Insurance.** Agency’s acceptance of insurance certificates and endorsements required under this Agreement does not relieve Supplier from liability under this indemnification and hold harmless clause. This indemnification and hold harmless clause shall apply to any damages or claims for damages whether or not such insurance policies shall have been determined to apply. By execution of this Agreement, Supplier acknowledges and agrees to the provisions of this section and that it is a material element of consideration.
- 8.2 Scope.** Supplier shall indemnify, defend with counsel reasonably acceptable to the Agency, and hold harmless the Agency, and its officials, commissioners, officers, employees, agents and volunteers from and against all losses, liabilities, claims, demands, suits, actions, damages, expenses, penalties, fines, costs (including without limitation costs and fees of litigation), judgments and causes of action of every nature arising out of or in connection with any acts or omissions by Supplier, its officers, officials, agents, and employees, except as caused by the sole or gross negligence of Agency. Notwithstanding, should this Agreement be construed as a construction agreement under Civil Code section 2783, then the exception referenced above shall also be for the active negligence of Agency.
- 8.3 Transfer of Title.** Supplier shall be deemed to be in exclusive possession and control of the Goods and shall be responsible for any damages or injury caused thereby, including without limitation any spills, leaks, discharges or releases of any Goods, until Agency accepts delivery at its Site. For the purposes of this

Agreement, such acceptance shall occur after Supplier or its agents complete transfer of the Goods into appropriate containers, machinery, storage tanks or other storage apparatus identified by NCPA. In the event a spill, leak, discharge or release requires notification to a federal, state or local regulatory agency, Supplier shall be responsible for all such notifications. Should Supplier be required to remedy or remove Goods as a result of a leak, spill, release or discharge of Goods into the environment at Agency's Site or elsewhere, Supplier agrees to remediate, remove or cleanup Agency's Site to a level sufficient to receive a "No Further Action Required" or "Closure Letter" from the appropriate regulatory authority.

Section 9. MISCELLANEOUS PROVISIONS.

- 9.1 Integration; Incorporation.** This Agreement, including all the exhibits attached hereto, represents the entire and integrated agreement between Agency and Supplier and supersedes all prior negotiations, representations, or agreements, either written or oral. All exhibits attached hereto are incorporated by reference herein.
- 9.2 Counterparts.** This Agreement may be executed in multiple counterparts, each of which shall be an original and all of which together shall constitute one agreement.
- 9.3 Compliance with Applicable Law.** Supplier shall comply with all applicable federal, state, and local laws, rules and regulations in regard to this Agreement and the Goods supplied hereunder.
- 9.4 Construction of Agreement.** The Parties agree that the usual construction of an agreement against the drafting party shall not apply here.
- 9.5 Supplier's Status.** Supplier is an independent contractor and not an employee or agent of NCPA.
- 9.6 Non-assignment.** Supplier may not assign this Agreement without the prior written consent of NCPA, which shall not be unreasonably withheld.
- 9.7 Governing Law.** This Agreement and all matters pertaining to it, shall be governed by the laws of the State of California and venue shall lie in Placer County or in the county to which the Goods are delivered.
- 9.8 Attorneys' Fees.** If a party to this Agreement brings any action, including an action for declaratory relief, to enforce or interpret the provision of this Agreement, the prevailing party shall be entitled to reasonable attorneys' fees in addition to any other relief to which that party may be entitled. The court may set such fees in the same action or in a separate action brought for that purpose.
- 9.9 Severability.** If a court of competent jurisdiction finds or rules that any provision of this Agreement is invalid, void, or unenforceable, the provisions of this

Agreement not so adjudged shall remain in full force and effect. The invalidity in whole or in part of any provision of this Agreement shall not void or affect the validity of any other provision of this Agreement.

- 9.10 No Implied Waiver of Breach.** The waiver of any breach of a specific provision of this Agreement does not constitute a waiver of any other breach of that term or any other term of this Agreement.
- 9.11 Successors and Assigns.** The provisions of this Agreement shall inure to the benefit of and shall apply to and bind the successors and assigns of the Parties.
- 9.12 Conflict of Interest.** Supplier may serve other clients, but none whose activities within the corporate limits of Agency or whose business, regardless of location, would place Supplier in a "conflict of interest," as that term is defined in the Political Reform Act, codified at California Government Code Section 81000 *et seq.*

Supplier shall not employ any Agency official in the work performed pursuant to this Agreement. No officer or employee of Agency shall have any financial interest in this Agreement that would violate California Government Code Sections 1090 *et seq.*

- 9.13 Contract Administrator.** This Agreement shall be administered by the Assistant General Manager, Generation Services, or his/her designee, who shall act as the Agency's representative. All correspondence shall be directed to or through the representative.
- 9.14 Notices.** Any written notice to Supplier shall be sent to:

Hill Brothers Chemical Company
Attention: Frank Alari
3000 E. Birch Street, Suite 108
Brea, CA 92821

Any written notice to Agency shall be sent to:

Randy S. Howard
General Manager
Northern California Power Agency
651 Commerce Drive
Roseville, CA 95678

With a copy to:

Jane E. Luckhardt
General Counsel
Northern California Power Agency
651 Commerce Drive

- 9.15 Alternative Dispute Resolution.** If any dispute arises between the Parties that cannot be settled after engaging in good faith negotiations, Agency and Supplier agree to resolve the dispute in accordance with the following:
- 9.15.1** Each party shall designate a senior management or executive level representative to negotiate any dispute.
 - 9.15.2** The representatives shall attempt, through good faith negotiations, to resolve the dispute by any means within their authority.
 - 9.15.3** If the issue remains unresolved after fifteen (15) days of good faith negotiations, the Parties shall attempt to resolve the disagreement by negotiation between legal counsel. If the above process fails, the Parties shall resolve any remaining disputes through mediation to expedite the resolution of the dispute.
 - 9.15.4** The mediation process shall provide for the selection within fifteen (15) days by both Parties of a disinterested third person as mediator, shall be commenced within thirty (30) days and shall be concluded within fifteen (15) days from the commencement of the mediation.
 - 9.15.5** The Parties shall equally bear the costs of any third party in any alternative dispute resolution process.
 - 9.15.6** The alternative dispute resolution process is a material condition to this Agreement and must be exhausted as an administrative remedy prior to either Party initiating legal action. This alternative dispute resolution process is not intended to nor shall be construed to change the time periods for filing a claim or action specified by Government Code §§ 900 *et seq.*
- 9.16 Controlling Provisions.** In the case of any conflict between the terms of this Agreement and the Exhibits hereto, and Supplier's Proposal (if any), the Agreement shall control. In the case of any conflict between the Exhibits hereto and a Purchase Order or the Supplier's Proposal, the Exhibits shall control. In the case of any conflict between the terms of a Purchase Order and the Supplier's Proposal (if any), the Purchase Order shall control.
- 9.17 Certification as to California Energy Commission.** If requested by the Agency, Supplier shall, at the same time it executes this Agreement, execute Exhibit B.
- 9.18 Certification as to California Energy Commission Regarding Hazardous Materials Transport Vendors.** If requested by the Agency, Supplier shall, at the same time it executes this Agreement, execute Exhibit C.

9.19 No Third Party Beneficiaries. This Agreement is made solely for the benefit of the parties hereto, with no intent to benefit any non-signator third parties.

9.20 Amendments. The Parties may amend this Agreement only by a writing signed by both of the Parties.

The Parties have executed this Agreement as of the date signed by the Agency.

NORTHERN CALIFORNIA POWER AGENCY

HILL BROTHERS CHEMICAL COMPANY

Date: _____

Date: _____

RANDY S. HOWARD,
General Manager

PATRICIA SANTANA,
Corporate Secretary

Attest:

Assistant Secretary of the Commission

Approved as to Form:

Jane E. Luckhardt, General Counsel

EXHIBIT A

PURCHASE LIST

As requested by the Northern California Power Agency ("Agency"), Hill Brothers Chemical Company ("Supplier") shall provide supplies ("Goods") including, but not limited to the following:

Chemical	Price
Anhydrous Ammonia (R Grade)	\$800/Ton + \$350/delivery
Aqueous Ammonia 19%	\$0.595/lb + \$320/delivery
Hydrated Lime 90%	N/A
Magnesium Oxide ≥90%	\$555.95/Ton + \$1,200.68/delivery + \$456.26 fuel surcharge
Ferric Chloride 38-42%	N/A
Sodium Bisulfite 38-40%	N/A
Sodium Hydroxide 15% (Caustic Soda)	N/A
Sodium Hypochlorite 12.5% (Bleach)	N/A
Sulfuric Acid 93%	N/A
Other Chemicals (if needed)	To be quoted when requested by Agency

All delivery vehicles shall be labeled and constructed to meet all requirements of the California State Highway Patrol, the Interstate Commerce Commission and any and all jurisdictions having control over said delivery truck operations.

Agency acknowledges that Supplier's chemical pricing may be subject to change. Agency shall compensate the Supplier in accordance with such chemical price revisions, provided that (1) Supplier shall provide Agency with written notice (email or letter) 15-days in advance. All chemical orders placed during the 15-day notice period will be charged at the non-revised rate. Chemical price revisions may result in the Supplier losing or gaining priority status for chemical orders, (2) regardless of such chemical price revisions, total compensation for all tasks, including all chemicals delivered under this Agreement, shall not exceed the amount set forth in Section 5 (Compensation) of this Agreement.

As a public agency, NCPA shall not reimburse Supplier for travel, food and related costs in excess of those permitted by the Internal Revenue Service.

EXHIBIT B

CERTIFICATION

Affidavit of Compliance for Suppliers

I, _____

(Name of person signing affidavit)(Title)

do hereby certify that background investigations to ascertain the accuracy of the identity and employment history of all employees of

Hill Brothers Chemical Company

(Company name)

for contract work at:

LODI ENERGY CENTER, 12745 N. THORNTON ROAD, LODI, CA 95242

(Project name and location)

have been conducted as required by the California Energy Commission Decision for the above-named project.

(Signature of officer or agent)

Dated this _____ day of _____, 20____.

THIS AFFIDAVIT OF COMPLIANCE SHALL BE APPENDED TO THE PROJECT SECURITY PLAN AND SHALL BE RETAINED AT ALL TIMES AT THE PROJECT SITE FOR REVIEW BY THE CALIFORNIA ENERGY COMMISSION COMPLIANCE PROJECT MANAGER.

EXHIBIT C

CERTIFICATION

Affidavit of Compliance for Hazardous Materials Transport Vendors

I, _____,

(Name of person signing affidavit)(Title)

do hereby certify that the below-named company has prepared and implemented security plans in conformity with 49 CFR 172, subpart I and has conducted employee background investigations in conformity with 49 CFR 172.802(a), as the same may be amended from time to time,

Hill Brothers Chemical Company

(Company name)

for hazardous materials delivery to:

LODI ENERGY CENTER, 12745 N. THORNTON ROAD, LODI, CA 95242

(Project name and location)

as required by the California Energy Commission Decision for the above-named project.

(Signature of officer or agent)

Dated this _____ day of _____, 20 ____.

THIS AFFIDAVIT OF COMPLIANCE SHALL BE APPENDED TO THE PROJECT SECURITY PLAN AND SHALL BE RETAINED AT ALL TIMES AT THE PROJECT SITE FOR REVIEW BY THE CALIFORNIA ENERGY COMMISSION COMPLIANCE PROJECT MANAGER.



Lodi Energy Center Project Participant Committee Staff Report

AGENDA ITEM NO.: 13

Meeting Date: October 7, 2024

To: Lodi Energy Center Project Participant Committee

Subject: CEQA Notice of Exemptions for Routine Operation, Repair, Maintenance, or Minor Alteration of Existing Northern California Power Agency (NCPA) Facility Structures at NCPA's Powerplants.

Proposal

Approve Resolution 24-XX authorizing the General Manager or his designee to file with the appropriate County Clerks the California Environmental Quality Act (CEQA) Notices(s) of Exemption (NOEs) for routine operation and maintenance activities at the NCPA Plant Facilities.

Background

Certain types of projects are exempt from CEQA. Two types of exemptions are established under CEQA: statutory and categorical. Statutory exemptions have been created under state law and, to the extent that a project fits within one of those exemptions, the lead agency is not required to examine or mitigate the project's potential impacts. Categorical exemptions are established by the Resources Agency as part of the CEQA Guidelines. They are limited to classes of activities that usually do not result in significant impacts on the environment and cannot be used if there is a reasonable possibility that the project may have a significant impact.

Currently there are 33 classes of categorical exemptions under the CEQA Guidelines. Examples of activities range from 'operation, repair, maintenance, permitting, leasing, licensing, or minor alternation of existing public or private structures, facilities, mechanical equipment' not expanding existing uses (Class I) to 'installation of certain cogeneration equipment with a capacity of 50 megawatts or less at existing facilities' (Class 29).

A majority of routine activities at NCPA's power plants fall within the definition of classes 1, 2, 3, 4, 9, 11, and 12 'Categorical Exemptions' listed in the State CEQA Guidelines (Sections 15301–15333). Staff proposes to meet the CEQA Guidelines for these types of activities by filing the NOEs with the respective County Clerks where the plants are located. Once filed, staff would continue to conduct the identified and similar activities. These exemptions do not apply to activities that constitute a significant expansion or where there is a reasonable possibility that the project may have a significant impact on the environment per the requirements of State CEQA Guidelines Section 15300.2. For activities not qualifying for exemptions, staff will strictly follow the appropriate CEQA procedures.

Fiscal Impact

Upon execution, the approved budget for FY 2024-25 includes the items identified in the NOEs. Therefore, no additional fiscal impact is anticipated at this time other than the County Clerks' filing fees which will be less than \$1,000.

Environmental Analysis

The NCPA planned maintenance activities identified in the NOEs are consistent with the categorical exemptions listed in the 2024 CEQA guidelines. The recommended action will allow NCPA to continue to comply with the current State CEQA Guidelines to perform maintenance activities at the GS Plant Facilities.

Submitted by:

Michael DeBortoli
Assistant General Manager
Generation Services

Attachments: (5)

- CEQA NOE CT - Alameda County 2024
- CEQA NOE CT - San Joaquin County 2024
- CEQA NOE Geo - Lake County 2024
- CEQA NOE Geo - Sonoma County 2024
- CEQA NOE Hydro - Calaveras, Tuolumne, San Joaquin, Stanislaus, and Alpine Counties 2024

NOTICE OF EXEMPTION

TO: County Clerk
Alameda County
1106 Madison St
Oakland, CA 94607

Office of Planning & Research
1400 Tenth Street, Room 222
P. O. Box 3044, Room 222
Sacramento, CA 95812

FROM: Northern California Power Agency
12745 N. Thornton Rd
Lodi CA 95242

PROJECT TITLE: Gas fired combustion turbine power plant operation and maintenance, involving minor modification of existing equipment and negligible expansion of facilities and energy generation capacity.

PROJECT LOCATION - SPECIFIC: 2900 Main St Alameda, CA 94501 APN: 74-9009-1

PROJECT LOCATION - CITY: Alameda

PROJECT LOCATION COUNTY: Alameda

DESCRIPTION OF NATURE, PURPOSE AND BENEFICIARIES OF PROJECT: Operation and maintenance of combustion turbine projects, including minor modification of existing equipment and negligible expansion of facilities and energy generation capacity. NCPA proposes to implement the following activities. Maps identifying the location and activities are located at NCPA's office, 12745 N, Thornton Road, Lodi, CA.

1. Maintenance painting of existing facility infrastructure. Class 1. Several times per year.
2. Maintenance on the Gas Systems, Gas Pipeline, Power Turbine and Generator, including the possible removal of the equipment from the package to facilitate off site repairs. 1, 2, 3, 4, 9 several times per year.
3. Running of power and communication lines in conduit that may or may not be in a trench. Class 1, 2, 3, 4. Several times per year.
4. Cleaning of facility storm water and oily water systems. Class 1, 4. Annually.
5. Routine preventative and corrective maintenance of power plant equipment including pumps, motors electrical switch gear, electrical buses, electrical metering and relaying equipment, valves, Distributed Control System, Continues Emissions Monitoring System. Class 1, 9, 11 Daily.
6. The receiving, storage and handling of water treatment chemicals and anhydrous ammonia. Class 1, 2, 4, 11. Weekly.
7. Weed mitigation and brush clearing using weed-whacker, spraying, and hand clearing of shrubs on the plant site. This usually occurs in the spring Class 1.
8. Sale of surplus materials can be made such as scrape metal, machinery, and computers several times per year. Class 1, 2.

NAME OF PUBLIC AGENCY APPROVING PROJECT:

Northern California Power Agency
651 Commerce Dr.
Roseville, CA 95678

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT:

Northern California Power Agency
12745 N. Thornton Road
Lodi, CA 95461

EXEMPT STATUS: The above lists correlates the particular activity to the classes of categorical exemptions that apply to each activity; they are Categorical Exemptions Title 14 CCR Sections 15301(a), (b), (c), (d), (e), (f), (g), (h), (i), (l), (m); 15302 (b), (c), (d); 15303(d), (e); 15304(a), (c), (f), (g), (i); 15309 15311 15312.

REASONS WHY PROJECT IS EXEMPT: Work will be done to an existing, publicly owned combustion Turbine facilities to operate and maintain electric power generation, transmission, and associated facilities. The project will not have the potential to cause a significant effect on the environment as a result of “unusual circumstances” or any of the exceptions listed in Title 14 CCR Section 15300.2.

ACTIVITIES AND CLASS OF EXEMPTION:

1. Maintenance painting of existing facility infrastructure. Class 1. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use.
2. Maintenance on the Gas Systems, Gas Pipeline, Power Turbine and Generator, including the possible removal of the equipment from the package to facilitate off site repairs. 1,2,3,4 9. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 9), activities limited entirely to inspection, to check for performance of an operation.
3. Running of power and communication lines in conduit that may or may not be in a trench. Class 1, 2, 3, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land.
4. Cleaning of facility storm water and oily water systems. Class 1, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical

equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land.

5. Routine preventative and corrective maintenance of power plant equipment including pumps, motors electrical switch gear, electrical buses, electrical metering and relaying equipment, valves, Distributed Control System, Continues Emissions Monitoring System. Class 1, 9, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 9) activities limited entirely to inspection, to check for performance of an operation, and (Class 11) construction, or placement of minor structures accessory to existing facilities.
6. The receiving, storage and handling of water treatment chemicals and anhydrous ammonia. Class 1, 2, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; and (Class 11) construction, or placement of minor structures accessory to existing facilities.
7. Weed mitigation and brush clearing using weed-whacker, spraying, and hand clearing of shrubs on the plant site. This usually occurs in the spring Class 1. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use.
8. Sale of surplus materials can be made such as scrap metal, machinery, and computers. Class 1,2. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced.

LEAD AGENCY CONTACT PERSON: Rafael Santana

TELEPHONE NUMBER: 209-210-5000

Signature: _____

Date: _____

Rafael Santana

Title Manager Combustion Turbine, NCPA

Signed by Lead Agency

NOTICE OF EXEMPTION

TO: County Clerk
San Joaquin County
6 South Eldorado St Ste 2
Stockton, CA 95202

Office of Planning & Research
1400 Tenth Street, Room 222
P. O. Box 3044, Room 222
Sacramento, CA 95812

FROM: Northern California Power Agency
12745 N. Thornton Rd
Lodi, CA 95242

PROJECT TITLE: Gas fired combustion turbine power plant operation and maintenance, involving minor modification of existing equipment and negligible expansion of facilities and energy generation capacity.

PROJECT LOCATION - SPECIFIC: 12745 N Thornton Road, Lodi CA 95242 APN: 055-130-16
1231 W. Turner Road, Lodi CA 95240

PROJECT LOCATION - CITY: Lodi **PROJECT LOCATION COUNTY:** San Joaquin

DESCRIPTION OF NATURE, PURPOSE AND BENEFICIARIES OF PROJECT: Operation and maintenance of combustion turbine projects, including minor modification of existing equipment and negligible expansion of facilities and energy generation capacity. NCPA proposes to implement the following activities. Maps identifying the location and activities are located at NCPA's office, 12745 N, Thornton Road, Lodi, CA.

1. Maintenance painting of existing facility infrastructure. Class 1. Several times per year.
2. Maintenance on the Gas Systems, Power Turbine and Generator, including the possible removal of the equipment from the package to facilitate off site repairs. 1, 2, 3, 4, 9 several times per year.
3. Running of power and communication lines in conduit that may or may not be in a trench. Class 1, 2, 3, 4. Several times per year.
4. Cleaning of facility storm water and oily water systems. Class 1, 4. Annually.
5. Routine preventative and corrective maintenance of power plant equipment including pumps, motors electrical switch gear, electrical buses, electrical metering and relaying equipment, valves, Heat Recovery Steam Generator, Distributed Control System, Continues Emissions Monitoring System and Injection Well. Class 1, 9, 11 Daily.
6. The receiving, storage and handling of water treatment chemicals and anhydrous ammonia. Class 1, 2, 4, 11. Weekly.
7. Weed mitigation and brush clearing using weed-whacker, spraying, and hand clearing of shrubs on the plant site. This usually occurs in the spring. Class 1.
8. Sale of surplus materials can be made such as scrap metal, machinery, and computers several times per year. Class 1, 2.

NAME OF PUBLIC AGENCY APPROVING PROJECT:

Northern California Power Agency
651 Commerce Dr.
Roseville, CA 95678

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT:

Northern California Power Agency
12745 N. Thornton Road
Lodi, CA 95461

EXEMPT STATUS: The above lists correlates the particular activity to the classes of categorical exemptions that apply to each activity; they are Categorical Exemptions Title 14 CCR Sections 15301(a), (b), (c), (d), (e), (f), (g), (h), (i), (l), (m); 15302 (b), (c), (d); 15303(d), (e); 15304(a), (c), (f), (g), (i); 15309 15311 15312.

REASONS WHY PROJECT IS EXEMPT: Work will be done to an existing, publicly owned combustion Turbine facilities to operate and maintain electric power generation, transmission, and associated facilities. The project will not have the potential to cause a significant effect on the environment as a result of "unusual circumstances" or any of the exceptions listed in Title 14 CCR Section 15300.2.

ACTIVITIES AND CLASS OF EXEMPTION:

1. Maintenance painting of existing facility infrastructure. Class 1. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use.
2. Maintenance on the Gas Systems, Power Turbine and Generator, including the possible removal of the equipment from the package to facilitate off site repairs. 1,2,3,4 9. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 9), activities limited entirely to inspection, to check for performance of an operation.
3. Running of power and communication lines in conduit that may or may not be in a trench. Class 1, 2, 3, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land.
4. Cleaning of facility storm water and oily water systems. Class 1, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical

equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land.

5. Routine preventative and corrective maintenance of power plant equipment including pumps, motors electrical switch gear, electrical buses, electrical metering and relaying equipment, valves, Heat Recovery Steam Generator, Distributed Control System, Continues Emissions Monitoring System and Injection Well. Class 1, 9, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 9) activities limited entirely to inspection, to check for performance of an operation, and (Class 11) construction, or placement of minor structures accessory to existing facilities.
6. The receiving, storage and handling of water treatment chemicals and anhydrous ammonia. Class 1, 2, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; and (Class 11) construction, or placement of minor structures accessory to existing facilities.
7. Weed mitigation and brush clearing using weed-whacker, spraying, and hand clearing of shrubs on the plant site. This usually occurs in the spring Class 1. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use.
8. Sale of surplus materials can be made such as scrap metal, machinery, and computers. Class 1,2. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced.

LEAD AGENCY CONTACT PERSON: Rafael Santana TELEPHONE NUMBER: 209-210-5000

Signature: _____

Date: _____

Rafael Santana

Title Manager Combustion Turbine, NCPA

Signed by Lead Agency

NOTICE OF EXEMPTION

TO: County Clerk
County of Lake
255 North Forbes Street
Lakeport, CA 95453

Office of Planning & Research
P. O. Box 3044, Room 113
Sacramento, CA 95812-3044

FROM: Northern California Power Agency
P.O. Box 663
12000 Ridge Road
Middletown CA 95461

PROJECT TITLE: Geothermal Electrical Generation Project Including Southeast Geysers Effluent Pipeline

PROJECT LOCATION - SPECIFIC: Near 12000 Ridge Road
APN: 013-052-010-000

PROJECT LOCATION - CITY: Middletown **PROJECT LOCATION COUNTY:** Lake

DESCRIPTION OF NATURE, PURPOSE AND BENEFICIARIES OF PROJECT: Operation and maintenance of Geothermal projects, including minor modification of existing equipment and negligible expansion of facilities and energy generation capacity. NCPA proposes to implement the following activities. Maps identifying the location and activities are located at NCPA's office, 12000 Ridge Road, Middletown, CA.

1. Maintain turbine generating units, steam and water pipelines, auxiliary systems, water retention and conveyance structures, and electrical transmission systems through routine cleaning, repairing, and replacing of defective equipment. Class 1, 2, 3, 4, 9 and 11.
2. Trenching in existing project areas. Class 1, 2, 3, 4 and 11.
3. Repairs/replacements of power and communication equipment, structures, and lines in conduit that may or may not be in a trench including but not limited to power poles, towers, conductors. Class 1, 2, 3, 4 and 11.
4. Clean out drainage ditches and drain inlets by removing debris including brush, logs, leaves, and sediments using hand held equipment such as shovels, supported by light equipment such as a backhoe. This needs to be done frequently in the winter following storms. Class 1, 2 and 4.
5. Maintenance and replacement of drainage culverts. Class 1, 2, 4 and 11.
6. Repair drainage damage on slopes and roads by filling pot holes using shovels and light equipment such as a backhoe. This can occur frequently in the winter. Class 1, 2, 4 and 11.
7. Paint, stripe the existing roads and repair potholes. Snow plow the roads. Maintenance grading of power line easements and roads to maintain access and clearance. Class 1, 2, 4 and 11.
8. Weed mitigation and brush clearing using weed-whacker, spraying, and hand clearing of shrubs on existing rights-of-way. This usually occurs in the spring. Class 1 and 4.
9. Tree and brush removal from existing facilities, power line easements, existing fire breaks and other public areas using weed whackers, hand tools and equipment such as a dozer. This usually occurs in the spring. Class 1 and 4.
10. Clean, repair, and replace pipelines and related equipment. Class 1, 2, 4 and 9.
11. Debris removal and maintenance sluicing from reservoirs. Class 1 and 4.

12. Repair electrical motors, mechanical pumps, valves, fans, tanks, battery systems, cooling towers, compressors, condensate collection systems, electrical generation systems, water injection systems, routine cleaning, repairing and replacing defective equipment. Class 1,2,3,4 and 11.
13. Maintain steam well bores and injection well bores utilizing drill rigs, compressors and wire line surveys that clean out and repair well bores. Class 1,2,3,4,9 and 11.
14. Maintain geothermal well pads including support equipment located on those pads such as communication buildings, power cables, communication ducts and fiber optic lines through routine cleaning, repairing and replacement of defective equipment. Class 1,2,3,4,9 and 11.
15. Maintain steam and injection piping and ancillary steam support equipment, including insulation and condensate knock out equipment through routine cleaning and replacement of defective equipment. Class 1,4 and 9.
16. Sale of surplus materials such as machinery, metal stock and vehicles. Class 12.
17. Digging trenches on established well pads to repair existing buried or to install new separator drain lines as well as to run injection water piping. Class 1,2,3 and 4.
18. Pouring a concrete pad for a piece of equipment such as a tank or separator. Equipment may be moved from one pad to another, hence the need for the pad. Class 1,2,3,4 and 11.
19. Run power and communication lines in conduit that may or may not be in a trench. Class 1,2,3 and 4.
20. Snow plow the roads and repair existing using gravel and cold patch for pot holes. This can occur several times a year. Class 1,2 and 4.
21. Clean out and/ or restoration of drilling sumps, repair damage on slopes through routine cleaning by removal of debris or sediment and performing actions to prevent, stabilize, mitigate or eliminate the release or threat of a release of hazardous waste or hazardous substances and replacement of defective equipment. Class 1,2,4,9,11 and 30.
22. Demolition and removal of existing power plant and steamfield structures that are no longer in use. Class 1 and 2.

NAME OF PUBLIC AGENCY APPROVING PROJECT:

Northern California Power Agency
651 Commerce Dr.
Roseville, CA 95678

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT:

Northern California Power Agency
12000 Ridge Road
Middletown, CA 95461

EXEMPT STATUS: The above lists correlates the particular activity to the classes of categorical exemptions that apply to each activity; they are Categorical Exemptions Title 14 CCR Sections 15301(a), (b), (c), (d), (e), (f), (g), (h), (i), (l), (m); 15302 (b), (c), (d); 15303(d), (e); 15304(a), (c), (f), (g), (i); 15309 15311 15312.

REASONS WHY PROJECT IS EXEMPT: Work will be done to an existing, publicly owned Geothermal facilities on the Mayacamas Mountain Range in the area known as the "Geysers" to operate and maintain electric power generation, transmission, and associated facilities. The project will not have

the potential to cause a significant effect on the environment as a result of “unusual circumstances” or any of the exceptions listed in Title 14 CCR Section 15300.2.

ACTIVITIES AND CLASS OF EXEMPTION

1. Maintain turbine electrical generating units, steam and water pipelines. Electrical transmission systems is categorically exempt under Class 1, 2, 3, 4, 9 and 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation; (Class 11) construction, or placement of minor structures accessory to existing facilities.
2. Digging trenches. Class 1, 2, 3, 4 and 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
3. Repair/replace power and communication lines. Class 1, 2, 3, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
4. Clean out drainage ditches and drain inlets. Class 1, 2 and 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land.
5. Maintenance and replacement of drainage culverts. Class 1, 2, 4 and 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
6. Repair drainage damage on slopes and roads. Class 1, 2, 4 and 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure

- replaced; (Class 4) minor alterations in the condition of the land; and (Class 11) construction, or placement of minor structures accessory to existing facilities.
7. Paint, stripe existing roads, snow plow the roads and repair existing roads and easements. Class 1, 2, 4 and 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; and (Class 11) construction, or placement of minor structures accessory to existing facilities.
 8. Weed mitigation and brush clearing Class 1 and 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land.
 9. Tree and brush removal for public safety Class 1 and 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land.
 10. Clean, repair, or replace pipelines and related equipment. Class 1, 4 and 9. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2) replacement or reconstruction of existing structures or facilities; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation.
 11. Removal of debris and accumulated sediment from reservoir. Class 1 and 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use. The activity qualifies as a Class 1 Exemption as the dams are existing facilities and involves no expansion of use. Debris removal activity is restoration of a previous condition and necessary for safe operation; (Class 4) minor alterations in the condition of the land.
 12. Repair electrical motors, mechanical pumps, valves, fans, tanks, battery systems, cooling towers, compressors, condensate collection systems, electrical generation systems, water injection systems, routine cleaning, repairing and replacing defective equipment. Class 1,2,3,4 and 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
 13. Maintain steam well bores and injection well bores utilizing drill rigs, compressors and wire line surveys that clean out and repair well bores. Class 1,2,3,4,9 and 11 This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of

an operation; (Class 11) construction, or placement of minor structures accessory to existing facilities.

14. Maintain geothermal well pads including support equipment located on those pads such as communication buildings, power cables, communication ducts and fiber optic lines through routine cleaning, repairing and replacement of defective equipment. Class 1,2,3,4,9 and 11 (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation; (Class 11) construction, or placement of minor structures accessory to existing facilities.
15. Maintain steam and injection piping and ancillary steam support equipment, including insulation and condensate knock out equipment through routine cleaning and replacement of defective equipment. Class 1,4 and 9. (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation; (Class 9) inspections, to check for performance of an operation.
16. Sale of surplus materials such as machinery, metal stock and vehicles. Class 12. (Class 12) consists of sales of surplus government property except for parcels of land located in an area of statewide, regional, or areawide concern identified in Section 15206(b)(4).
17. Digging trenches on established well pads to repair existing buried or to install new separator drain lines as well as to run injection water piping. Class 1,2,3 and 4. (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; Class 4) minor alterations in the condition of the land.
18. Pouring a concrete pad for a piece of equipment such as a tank or separator. Equipment may be moved from one pad to another, hence the need for the pad. Class 1,2,3,4 and 11. (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
19. Run power and communication lines in conduit that may or may not be in a trench. Class 1,2,3 and 4. (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land.
20. Snow plow the roads and repair existing using gravel and cold patch for pot holes. This can occur several times a year. Class 1,2 and 4. (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion

of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land.

21. Clean out and/ or restoration of drilling sumps, repair damage on slopes through routine cleaning by removal of debris or sediment and performing actions to prevent, stabilize, mitigate or eliminate the release or threat of a release of hazardous waste or hazardous substances and replacement of defective equipment. Class 1,2,4,9,11 and 30. (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation; (Class 11) construction, or placement of minor structures accessory to existing facilities; (Class 30) consists of any minor cleanup actions taken to prevent, minimize, stabilize, mitigate, or eliminate the release or threat of release of a hazardous waste or substance which are small or medium removal actions costing \$1 million or less.
22. Demolition and removal of existing power plant and steamfield structures that are no longer in use. Class 1 and 2. (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced.

LEAD AGENCY CONTACT PERSON: Jim Beach TELEPHONE NUMBER: 707-809-6007

Signature: _____

Date: _____

Jim Beach

Title Manager Geothermal Facilities, NCPA

Signed by Lead Agency

NOTICE OF EXEMPTION

TO: County Clerk
County of Sonoma
2300 County Center Drive
Santa Rosa, CA 95403

Office of Planning & Research
P. O. Box 3044, Room 113
Sacramento, CA 94812-3044

FROM: Northern California Power Agency
P.O. Box 663
12000 Ridge Road
Middletown CA 95461

PROJECT TITLE: Geothermal Electrical Generation Project Including Southeast Geysers Effluent Pipeline

PROJECT LOCATION - SPECIFIC: Near 12000 Ridge Road

APN: 013-052-010-000

PROJECT LOCATION - CITY: Middletown

PROJECT LOCATION - COUNTY: Sonoma

DESCRIPTION OF NATURE, PURPOSE AND BENEFICIARIES OF PROJECT: Operation and maintenance of Geothermal projects, including minor modification of existing equipment and negligible expansion of facilities and energy generation capacity. NCPA proposes to implement the following activities. Maps identifying the location and activities are located at NCPA's office, 12000 Ridge Road, Middletown, CA.

1. Maintain turbine generating units, steam and water pipelines, auxiliary systems, water retention and conveyance structures, and electrical transmission systems through routine cleaning, repairing, and replacing of defective equipment. Class 1, 2, 3, 4, 9 and 11.
2. Trenching in existing project areas. Class 1, 2, 3, 4 and 11.
3. Repairs/replacements of power and communication equipment, structures, and lines in conduit that may or may not be in a trench including but not limited to power poles, towers, conductors. Class 1, 2, 3, 4 and 11.
4. Clean out drainage ditches and drain inlets by removing debris including brush, logs, leaves, and sediments using hand held equipment such as shovels, supported by light equipment such as a backhoe. This needs to be done frequently in the winter following storms. Class 1, 2 and 4.
5. Maintenance and replacement of drainage culverts. Class 1, 2, 4 and 11.
6. Repair drainage damage on slopes and roads by filling pot holes using shovels and light equipment such as a backhoe. This can occur frequently in the winter. Class 1, 2, 4 and 11.
7. Paint, stripe the existing roads and repair potholes. Snow plow the roads. Maintenance grading of power line easements and roads to maintain access and clearance. Class 1, 2, 4 and 11.
8. Weed mitigation and brush clearing using weed-whacker, spraying, and hand clearing of shrubs on existing rights-of-way. This usually occurs in the spring. Class 1 and 4.
9. Tree and brush removal from existing facilities, power line easements, existing fire breaks and other public areas using weed whackers, hand tools and equipment such as a dozer. This usually occurs in the spring. Class 1 and 4.
10. Clean, repair, and replace pipelines and related equipment. Class 1, 2, 4 and 9.

11. Debris removal and maintenance sluicing from reservoirs. Class 1 and 4.
12. Repair electrical motors, mechanical pumps, valves, fans, tanks, battery systems, cooling towers, compressors, condensate collection systems, electrical generation systems, water injection systems, routine cleaning, repairing and replacing defective equipment. Class 1,2,3,4 and 11.
13. Maintain steam well bores and injection well bores utilizing drill rigs, compressors and wire line surveys that clean out and repair well bores. Class 1,2,3,4,9 and 11.
14. Maintain geothermal well pads including support equipment located on those pads such as communication buildings, power cables, communication ducts and fiber optic lines through routine cleaning, repairing and replacement of defective equipment. Class 1,2,3,4,9 and 11.
15. Maintain steam and injection piping and ancillary steam support equipment, including insulation and condensate knock out equipment through routine cleaning and replacement of defective equipment. Class 1,4 and 9.
16. Sale of surplus materials such as machinery, metal stock and vehicles. Class 12.
17. Digging trenches on established well pads to repair existing buried or to install new separator drain lines as well as to run injection water piping. Class 1,2,3 and 4.
18. Pouring a concrete pad for a piece of equipment such as a tank or separator. Equipment may be moved from one pad to another, hence the need for the pad. Class 1,2,3,4 and 11.
19. Run power and communication lines in conduit that may or may not be in a trench. Class 1,2,3 and 4.
20. Snow plow the roads and repair existing using gravel and cold patch for pot holes. This can occur several times a year. Class 1,2 and 4.
21. Clean out and/ or restoration of drilling sumps, repair damage on slopes through routine cleaning by removal of debris or sediment and performing actions to prevent, stabilize, mitigate or eliminate the release or threat of a release of hazardous waste or hazardous substances and replacement of defective equipment. Class 1,2,4,9,11 and 30.
22. Demolition and removal of existing power plant and steamfield structures that are no longer in use. Class 1 and 2.

NAME OF PUBLIC AGENCY APPROVING PROJECT:

Northern California Power Agency
651 Commerce Dr.
Roseville, CA 95678

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT:

Northern California Power Agency
12000 Ridge Road
Middletown, CA 95461

EXEMPT STATUS: The above lists correlates the particular activity to the classes of categorical exemptions that apply to each activity; they are Categorical Exemptions Title 14 CCR Sections 15301(a), (b), (c), (d), (e), (f), (g), (h), (i), (l), (m); 15302 (b), (c), (d); 15303(d), (e); 15304(a), (c), (f), (g), (i); 15309 15311 15312.

REASONS WHY PROJECT IS EXEMPT: Work will be done to an existing, publicly owned Geothermal facilities on the Mayacamas Mountain Range in the area known as the “Geysers” to operate and maintain electric power generation, transmission, and associated facilities. The project will not have the potential to cause a significant effect on the environment as a result of “unusual circumstances” or any of the exceptions listed in Title 14 CCR Section 15300.2.

ACTIVITIES AND CLASS OF EXEMPTION:

1. Maintain turbine electrical generating units, steam and water pipelines. Electrical transmission systems is categorically exempt under Class 1, 2, 3, 4, 9 and 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation; (Class 11) construction, or placement of minor structures accessory to existing facilities.
2. Digging trenches. Class 1, 2, 3, 4 and 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
3. Repair/ replace power and communication lines. Class 1, 2, 3, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
4. Clean out drainage ditches and drain inlets. Class 1, 2 and 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land.
5. Maintenance and replacement of drainage culverts. Class 1, 2, 4 and 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
6. Repair drainage damage on slopes and roads. Class 1, 2, 4 and 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction

of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; and (Class 11) construction, or placement of minor structures accessory to existing facilities.

7. Paint, stripe existing roads, snow plow the roads and repair existing roads and easements. Class 1, 2, 4 and 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; and (Class 11) construction, or placement of minor structures accessory to existing facilities.
8. Weed mitigation and brush clearing Class 1 and 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land.
9. Tree and brush removal for public safety Class 1 and 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land.
10. Clean, repair, or replace pipelines and related equipment. Class 1, 4 and 9. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2) replacement or reconstruction of existing structures or facilities; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation.
11. Removal of debris and accumulated sediment from reservoir. Class 1 and 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use. The activity qualifies as a Class 1 Exemption as the dams are existing facilities and involves no expansion of use. Debris removal activity is restoration of a previous condition and necessary for safe operation; Class 4) minor alterations in the condition of the land.
12. Repair electrical motors, mechanical pumps, valves, fans, tanks, battery systems, cooling towers, compressors, condensate collection systems, electrical generation systems, water injection systems, routine cleaning, repairing and replacing defective equipment. Class 1,2,3,4 and 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
13. Maintain steam well bores and injection well bores utilizing drill rigs, compressors and wire line surveys that clean out and repair well bores. Class 1,2,3,4,9 and 11 This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4)

minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation; (Class 11) construction, or placement of minor structures accessory to existing facilities.

14. Maintain geothermal well pads including support equipment located on those pads such as communication buildings, power cables, communication ducts and fiber optic lines through routine cleaning, repairing and replacement of defective equipment. Class 1,2,3,4,9 and 11 (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation; (Class 11) construction, or placement of minor structures accessory to existing facilities.
15. Maintain steam and injection piping and ancillary steam support equipment, including insulation and condensate knock out equipment through routine cleaning and replacement of defective equipment. Class 1,4 and 9. (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation; (Class 9) inspections, to check for performance of an operation.
16. Sale of surplus materials such as machinery, metal stock and vehicles. Class 12. (Class 12) consists of sales of surplus government property except for parcels of land located in an area of statewide, regional, or areawide concern identified in Section 15206(b)(4).
17. Digging trenches on established well pads to repair existing buried or to install new separator drain lines as well as to run injection water piping. Class 1,2,3 and 4. (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 4) minor alterations in the condition of the land.
18. Pouring a concrete pad for a piece of equipment such as a tank or separator. Equipment may be moved from one pad to another, hence the need for the pad. Class 1,2,3,4 and 11. (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
19. Run power and communication lines in conduit that may or may not be in a trench. Class 1,2,3 and 4. (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land.
20. Snow plow the roads and repair existing using gravel and cold patch for pot holes. This can occur several times a year. Class 1,2 and 4. (Class 1) the repair, maintenance, or minor alteration of

existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land.

21. Clean out and/ or restoration of drilling sumps, repair damage on slopes through routine cleaning by removal of debris or sediment and performing actions to prevent, stabilize, mitigate or eliminate the release or threat of a release of hazardous waste or hazardous substances and replacement of defective equipment. Class 1,2,4,9,11 and 30. (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation; (Class 11) construction, or placement of minor structures accessory to existing facilities; (Class 30) consists of any minor cleanup actions taken to prevent, minimize, stabilize, mitigate, or eliminate the release or threat of release of a hazardous waste or substance which are small or medium removal actions costing \$1 million or less.
22. Demolition and removal of existing power plant and steamfield structures that are no longer in use. Class 1 and 2. (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced

LEAD AGENCY CONTACT PERSON: Jim Beach TELEPHONE NUMBER: 707-809-6007

Signature: _____ Date: _____

 Jim Beach
Title Manager Geothermal Facilities, NCPA

Signed by Lead Agency

NOTICE OF EXEMPTION

TO: County Clerk
County of Calaveras
891 Mountain Ranch Road
San Andreas, CA 95249

Office of Planning & Research
P. O. Box 3044 – Room 113
Sacramento, CA 95812-3044

FROM: Northern California Power Agency
477 Bret Harte Drive
Murphys, CA 95247

PROJECT TITLE: North Fork Stanislaus River Hydroelectric Project FERC Project No. 2409, Upper Utica Hydroelectric Project FERC Project No. 11563, and the Transmission Line FERC Project No. 11197.

PROJECT LOCATION - SPECIFIC: Along the North Fork of the Stanislaus River and its tributaries in Alpine, Tuolumne, and Calaveras Counties and transmission lines in Calaveras, San Joaquin, Tuolumne, and Stanislaus Counties.

PROJECT LOCATION – CITY: Spread out as noted above
COUNTY: Alpine, Calaveras, Tuolumne, San Joaquin, and Stanislaus.

DESCRIPTION OF NATURE, PURPOSE AND BENEFICIARIES OF PROJECT: Operation and maintenance of hydroelectric projects, including minor modification of existing equipment and negligible expansion of facilities and energy generation capacity. NCPA proposes to implement the following activities for the remainder of the current FERC licenses (No. 2409, No. 11563, and No. 11197) and for any renewal terms thereof. Maps identifying the location and activities are located at NCPA's Hydroelectric office, 477 Bret Harte Drive, Murphys, CA.

1. Maintain turbine generating units, auxiliary systems, dams, water retention and conveyance structures, and electrical transmission systems through routine cleaning, repairing, and replacing of defective equipment. Class 1, 2, 3, 4, 9, 11, 31; 23 CCR 504(a)(7)
2. Trenching in existing project areas. Class 1, 2, 3, 4, 11.
3. Repairs/replacements of power and communication equipment, structures, and lines in conduit that may or may not be in a trench including but not limited to power poles, towers, conductors. Class 1, 2, 3, 4, 11.
4. Clean out drainage ditches and drain inlets by removing debris including brush, logs, leaves, and sediments using hand held equipment such as shovels, supported by light equipment such as a back-hoe. This needs to be done frequently in the winter following storms. Class 1, 2, 4.
5. Maintenance and replacement of drainage culverts. Class 1, 2, 4, 11.

6. Repair drainage damage on slopes and roads caused from storms and use. This can occur frequently in the winter. Class 1, 2, 4, 11.
7. Stripe the existing roads and repair potholes. Snow plow the roads. Maintenance grading of power line easements and roads to maintain access and clearance. Class 1, 2, 4, 11.
8. Weed mitigation and brush clearing using weed-wacker, spraying, and hand clearing of shrubs on existing right-of-ways. This usually occurs in the spring. Class 1, 4.
9. Tree and brush removal from existing facilities, camp sites, power line easements, existing fire breaks, dams, spillways, powerhouses, tailraces and other public areas using weed whackers, hand tools, and equipment. Class 1, 4.
10. Clean, repair, and replace pipelines and related equipment. Class 1, 2, 4, 9.
11. Debris removal and maintenance sluicing from reservoirs. Class 1, 4.

NAME OF PUBLIC AGENCY APPROVING PROJECT:

Northern California Power Agency
651 Commerce Dr.
Roseville, CA 95678

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT:

Northern California Power Agency
477 Bret Harte Drive
Murphys, CA 95247

EXEMPT STATUS: The above lists correlates the particular activity to the classes of categorical exemptions that apply to each activity; they are Categorical Exemptions Title 14 CCR Sections 15301(a), (b), (c), (d), (g), (h) (i), (m); 15302(c); 15303(d), (e); 15304(a), (c), (f), (g), (i); 15309; and 15311.

REASONS WHY PROJECT IS EXEMPT: Work will be done to an existing, publicly owned Hydro facilities on the North Fork Stanislaus River to operate and maintain electric power generation, transmission and associated facilities. The project will not have the potential to cause a significant effect on the environment as a result of “unusual circumstances” or any of the exceptions listed in Title 14 CCR Section 15300.2.

ACTIVITIES AND CLASS OF EXEMPTION:

1. Maintain turbine generating units, water pipelines, and electrical transmission systems is categorically exempt under Class 1, 2, 3, 4, 9, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation; (Class 11) construction, or placement of minor structures accessory to existing facilities; (Class 31)

maintenance, repair, stabilization, rehabilitation, restoration, preservation, conservation or reconstruction of historic resources; 23 CCR 504(a)(7) Dams subject to the jurisdiction of the Department's Division of Safety of Dams.

2. Digging trenches. Class 1, 2, 3, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
3. Repair power and communication lines. Class 1, 2, 3, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
4. Clean out drainage ditches and drain inlets. Class 1, 2, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land.
5. Maintenance and replacement of drainage culverts. Class 1, 2, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
6. Repair drainage damage on slopes and roads. Class 1, 2, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; and (Class 11) construction, or placement of minor structures accessory to existing facilities.
7. Snow plow the roads and repair existing roads and easements. Class 1, 2, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion

of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; and (Class 11) construction, or placement of minor structures accessory to existing facilities.

8. Weed mitigation and brush clearing Class 1, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land.
9. Tree removal for public safety Class 1, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land.
10. Clean, repair, or replace pipelines and related equipment. Class 1, 2, 4, 9. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2) replacement or reconstruction of existing structures or facilities; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation.
11. Removal of debris and accumulated sediment from reservoir. Class 1, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use. The activity qualifies as a Class 1 Exemption as the dams and sluiceways are existing facilities and sluicing involves no expansion of use. Debris removal and sluicing activity is restoration of a previous condition and necessary for safe operation. The activities qualify as a Class 4 Exemption as maintenance sluicing is a minor alteration to land and water.

LEAD AGENCY CONTACT PERSON: Jake Eymann
TELEPHONE NUMBER: 209-728-1387

Signature: _____

Jake Eymann

Title Manager Hydro Facilities, NCPA

Date: _____

Signed by Lead Agency

NOTICE OF EXEMPTION

TO: County Clerk
County of Alpine
P.O. Box 158
Markleeville, CA 96120

Office of Planning & Research
P. O. Box 3044 – Room 113
Sacramento, CA 95812-3044

FROM: Northern California Power Agency
477 Bret Harte Drive
Murphys, CA 95247

PROJECT TITLE: North Fork Stanislaus River Hydroelectric Project FERC Project No. 2409 and Upper Utica Hydroelectric Project FERC Project No. 11563.

PROJECT LOCATION - SPECIFIC: Along the North Fork of the Stanislaus River and its tributaries in Alpine, Tuolumne, and Calaveras Counties and transmission lines in Calaveras, San Joaquin, Tuolumne and Stanislaus Counties.

PROJECT LOCATION – CITY: Spread out as noted above
COUNTY: Alpine, Calaveras, Tuolumne, San Joaquin, and Stanislaus.

DESCRIPTION OF NATURE, PURPOSE AND BENEFICIARIES OF PROJECT: Operation and maintenance of hydroelectric projects, including minor modification of existing equipment and negligible expansion of facilities and energy generation capacity. NCPA proposes to implement the following activities for the remainder of the current FERC Licenses (No. 2409 and No. 11563) and for any renewal terms thereof. Maps identifying the location and activities are located at NCPA's Hydroelectric office, 477 Bret Harte Drive, Murphys, California.

1. Maintain turbine generating units, auxiliary systems, dams, water retention and conveyance structures, and electrical transmission systems through routine cleaning, repairing, and replacing of defective equipment. Class 1, 2, 3, 4, 11, 31; 23 CCR 504(a)(7).
2. Trenching in existing project areas. Class 1, 2, 3, 4, 11.
3. Repairs/replacements of power and communication equipment, structures, and lines in conduit that may or may not be in a trench including but not limited to power poles, towers, conductors. Class 1, 2, 3, 4, 11.
4. Clean out drainage ditches and drain inlets by removing debris including brush, logs, leaves and sediments using hand held equipment such as shovels, supported by light equipment such as a back-hoe. This needs to be done frequently in the winter following storms. Class 1, 4.
5. Maintenance and replacement of drainage culverts. Class 1, 2, 4, 5.

6. Repair drainage damage on slopes and roads caused from storms and use. This can occur frequently in the winter. Class 1, 2, 4, 11.
7. Stripe the existing roads and repair pot holes. Snow plow the roads. Maintenance grading of power line easements and roads to maintain access and clearance. Class 1, 2, 4, 11.
8. Weed mitigation and brush clearing using weed-wacker, spraying, and hand clearing of shrubs on existing right-of-ways. This usually occurs in the spring. Class 1, 3.
9. Tree and brush removal from existing facilities, camp sites, power line easements, existing fire breaks, dams, spillways, powerhouses, tailraces and other public areas using weed whackers, hand tools, and equipment such as a dozer. Class 1, 3,4.
10. Clean, repair, and replace pipelines and related equipment. Class 1, 2, 4, 9.
11. Debris removal and maintenance sluicing from reservoirs. Class 1.

NAME OF PUBLIC AGENCY APPROVING PROJECT:

Northern California Power Agency
651 Commerce Dr.
Roseville, CA 95678

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT:

Northern California Power Agency
477 Bret Harte Drive
Murphys, CA. 95247

EXEMPT STATUS: The above lists correlates the particular activity to the classes of categorical exemptions that apply to each activity; they are Categorical Exemptions Title 14 CCR Sections 15301(a), (b), (c), (d), (g), (h), (i), (m); 15302(c); 15303(d), (e); 15304(a), (c), (f), (g), (i); 15309; and 15311.

REASONS WHY PROJECT IS EXEMPT: Work will be done to an existing, publicly owned Hydro facilities on the North Fork Stanislaus River to operate and maintain electric power generation, transmission and associated facilities. The project will not have the potential to cause a significant effect on the environment as a result of “unusual circumstances” or any of the exceptions listed in Title 14 CCR Section 15300.2.

ACTIVITIES AND CLASS OF EXEMPTION:

1. Maintain turbine generating units, water pipelines, and electrical transmission systems is categorically exempt under Class 1, 2, 3, 4, 9, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation; (Class 11) construction, or placement of minor structures accessory to existing facilities; (Class 31)

maintenance, repair, stabilization, rehabilitation, restoration, preservation, conservation or reconstruction of historic resources; 23 CCR 504(a)(7) Dams subject to the jurisdiction of the Department's Division of Safety of Dams.

2. Digging trenches. Class 1, 2, 3, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
3. Repair power and communication lines. Class 1, 2, 3, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
4. Clean out drainage ditches and drain inlets. Class 1, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land.
5. Maintenance and replacement of drainage culverts. Class 1, 2, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
6. Repair drainage damage on slopes and roads. Class 1, 2, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; and (Class 11) construction, or placement of minor structures accessory to existing facilities..
7. Snow plow the roads and repair existing roads and easements. Class 1, 2, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor

alterations in the condition of the land; and (Class 11) construction, or placement of minor structures accessory to existing facilities.

8. Weed mitigation and brush clearing Class 1, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land.
9. Tree removal for public safety Class 1, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land.
10. Clean, repair, or replace pipelines and related equipment. Class 1, 2, 4, 9. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2) replacement or reconstruction of existing structures or facilities; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation.
11. Removal of debris and accumulated sediment from reservoir. Class 1, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use. The activity qualifies as a Class 1 Exemption as the dams and sluiceways are existing facilities and sluicing involves no expansion of use. Debris removal and sluicing activity is restoration of a previous condition and necessary for safe operation. The activities qualify as a Class 4 Exemption as maintenance sluicing is a minor alteration to land and water.

LEAD AGENCY CONTACT PERSON: Jake Eymann
TELEPHONE NUMBER: 209-728-1387

Signature: _____

Date: _____

Jake Eymann
Title Manager Hydro Facilities, NCPA

Signed by Lead Agency

NOTICE OF EXEMPTION

TO: County Clerk
County of Tuolumne
2 So. Green St. / Second Floor
Sonora, CA 95370

Office of Planning & Research
P. O. Box 3044 – Room 113
Sacramento, CA 95812-3044

FROM: Northern California Power Agency
477 Bret Harte Drive
Murphys, CA 95247

PROJECT TITLE: North Fork Stanislaus River Hydroelectric Project FERC Project No. 2409, Upper Utica Hydroelectric Project FERC Project No. 11563, and the Transmission Line FERC Project No. 11197.

PROJECT LOCATION: Along the North Fork of the Stanislaus River and its tributaries in Alpine, Tuolumne, and Calaveras Counties and transmission lines in Calaveras, Tuolumne and San Joaquin Counties.

PROJECT LOCATION – CITY: Spread out as noted above
COUNTY: Alpine, Calaveras, Tuolumne, San Joaquin, and Stanislaus

DESCRIPTION OF NATURE, PURPOSE AND BENEFICIARIES OF PROJECT: Operation and maintenance of hydroelectric projects, including minor modification of existing equipment and negligible expansion of facilities and energy generation capacity. NCPA proposes to implement the following activities for the remainder of the current FERC Licenses (No. 2409, No. 11563, and No. 11197) and for any renewal terms thereof. Maps identifying the location and activities are located at NCPA's Hydroelectric office, 477 Bret Harte Drive, Murphys, California.

1. Maintain turbine generating units, auxiliary systems, dams, water retention and conveyance structures, and electrical transmission systems through routine cleaning, repairing, and replacing of defective equipment. Class 1, 2, 3, 4, 9, 11, 31; 23 CCR 504(a)(7).
2. Trenching in existing project areas. Class 1, 2, 3, 4, 11.
3. Repairs/replacements of power and communication equipment, structures, and lines in conduit that may or may not be in a trench including but not limited to power poles, towers, conductors. Class 1, 2, 3, 4, 11.
4. Clean out drainage ditches and drain inlets by removing debris including brush, logs, leaves and sediments using hand held equipment such as shovels, supported by light equipment such as a back-hoe. This needs to be done frequently in the winter following storms. Class 1, 2, 4.
5. Maintenance and replacement of drainage culverts. Class 1, 2, 4, 11.

6. Repair drainage damage on slopes and roads caused from storms and use. This can occur frequently in the winter. Class 1, 2, 4, 11.
7. Stripe the existing roads and repair pot holes. Snow plow the roads. Maintenance grading of power line easements and roads to maintain access and clearance. Class 1, 2, 4, 11.
8. Weed mitigation and brush clearing using weed-wacker, spraying, and hand clearing of shrubs on existing right-of-ways. This usually occurs in the spring. Class 1, 4.
9. Tree and brush removal from existing facilities, camp sites, power line easements, existing fire breaks, dams, spillways, powerhouses, tailraces and other public areas using weed whackers, hand tools, and equipment such as a dozer. Class 1, 4.
10. Clean, repair, and replace pipelines and related equipment. Class 1, 2, 4, 9.
11. Debris removal and maintenance sluicing from reservoirs. Once a year. Class 1, 4.

NAME OF PUBLIC AGENCY APPROVING PROJECT:

Northern California Power Agency
651 Commerce Dr.
Roseville, CA 95678

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT:

Northern California Power Agency
477 Bret Harte Drive
Murphys, CA. 95247

EXEMPT STATUS: The above lists correlates the particular activity to the classes of categorical exemptions that apply to each activity; they are Categorical Exemptions Title 14 CCR Sections 15301(a), (b), (c), (d), (g), (h), (i), (m); 15302(c); 15303(d), I; 15304(a), (c), (f), (g), (i); 15309; and 15311.

REASONS WHY PROJECT IS EXEMPT: Work will be done to an existing, publicly owned Hydro facilities on the North Fork Stanislaus River to operate and maintain electric power generation, transmission and associated facilities. The project will not have the potential to cause a significant effect on the environment as a result of “unusual circumstances” or any of the exceptions listed in Title 14 CCR Section 15300.2.

ACTIVITIES AND CLASS OF EXEMPTION:

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maintenance, repair, stabilization, rehabilitation, restoration, preservation, conservation or reconstruction of historic resources; 23 CCR 504(a)(7) Dams subject to the jurisdiction of the Department's Division of Safety of Dams.

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3. Repair power and communication lines. Class 1, 2, 3, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities. .
4. Clean out drainage ditches and drain inlets. Class 1, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land.
5. Maintenance and replacement of drainage culverts. Class 1, 2, 4, 5. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
6. Repair drainage damage on slopes and roads. Class 1, 2, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; and (Class 11) construction, or placement of minor structures accessory to existing facilities.
7. Snow plow the roads and repair existing roads and easements. Class 1, 2, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor

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9. Tree removal for public safety Class 1, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land.
10. Clean, repair, or replace pipelines and related equipment. Class 1, 2, 4, 9. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2) replacement or reconstruction of existing structures or facilities; (Class 4) minor alterations in the condition of the land; (Class 9) inspections, to check for performance of an operation;.
11. Removal of debris and accumulated sediment from reservoir. Class 1,4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use. The activity qualifies as a Class 1 Exemption as the dams and sluiceways are existing facilities and sluicing involves no expansion of use. Debris removal and sluicing activity is restoration of a previous condition and necessary for safe operation. The activities qualify as a Class 4 Exemption as maintenance sluicing is a minor alteration to land and water.

LEAD AGENCY CONTACT PERSON: Jake Eymann
TELEPHONE NUMBER: 209-728-1387

Signature: _____

Date: _____

Jake Eymann
Title Manager Hydro Facilities, NCPA

Signed by Lead Agency

NOTICE OF EXEMPTION

TO: County Clerk
County of San Joaquin
44 N. San Joaquin Street Suite 230
Stockton, CA 95202-3273

Office of Planning & Research
P. O. Box 3044 – Room 113
Sacramento, CA 95812-3044

FROM: Northern California Power Agency
477 Bret Harte Drive
Murphys, CA 95247

PROJECT TITLE: North Fork Stanislaus River Hydroelectric Project FERC Project No. 2409, Upper Utica Hydroelectric Project FERC Project No. 11563, and the Transmission Line FERC Project No. 11197.

PROJECT LOCATION: Along the North Fork of the Stanislaus River and its tributaries in Alpine, Tuolumne, and Calaveras Counties and transmission lines in Calaveras, San Joaquin, Tuolumne and Stanislaus Counties.

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1. Maintain turbine generating units, auxiliary systems, dams, water retention and conveyance structures, and electrical transmission systems through routine cleaning, repairing, and replacing of defective equipment. Class 1, 2, 3, 4, 9, 11, 31; 23 CCR 504(a)(7).
2. Trenching in existing project areas. Class 1, 2, 3, 4, 11.
3. Repairs/replacements of power and communication equipment, structures, and lines in conduit that may or may not be in a trench including but not limited to power poles, towers, conductors.. Class 1, 2, 3, 4, 11.
4. Clean out drainage ditches and drain inlets by removing debris including brush, logs, leaves and sediments using hand held equipment such as shovels, supported by light equipment such as a back-hoe. This needs to be done frequently in the winter following storms. Class 1, 4.
5. Maintenance and replacement of drainage culverts. Class 1, 2, 4, 11.

6. Repair drainage damage on slopes and roads caused from storms and use. This can occur frequently in the winter. Class 1, 2, 4, 11.
7. Stripe the existing roads and repair pot holes. Snow plow the roads. Maintenance grading of power line easements and roads to maintain access and clearance. Class 1, 2, 4, 11.
8. Weed mitigation and brush clearing using weed-wacker, spraying, and hand clearing of shrubs on existing right-of-ways. This usually occurs in the spring. Class 1, 4.
9. Tree and brush removal from existing camp sites, power line easements, existing fire breaks, dams, spillways, powerhouses, tailraces and other public areas using weed whackers, hand tools, and equipment such as a dozer. Class 1, 4.
10. Clean, repair, and replace pipelines and related equipment. Class 1, 2, 4, 9.
11. Debris removal and maintenance sluicing from reservoirs. Class 1, 4.

NAME OF PUBLIC AGENCY APPROVING PROJECT:

Northern California Power Agency
651 Commerce Dr.
Roseville, CA 95678

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT:

Northern California Power Agency
477 Bret Harte Drive
Murphys, CA. 95247

EXEMPT STATUS: The above lists correlates the particular activity to the classes of categorical exemptions that apply to each activity; they are Categorical Exemptions Title 14 CCR Sections 15301(a), (b), (c), (d), (g), (h), (i), (m); 15302(c); 15303(d), (e); 15304(a), (c), (f), (g), (i); 15309; and 15311.

REASONS WHY PROJECT IS EXEMPT: Work will be done to an existing, publicly owned Hydro facilities on the North Fork Stanislaus River to operate and maintain electric power generation, transmission, and associated facilities. The project will not have the potential to cause a significant effect on the environment as a result of “unusual circumstances” or any of the exceptions listed in Title 14 CCR Section 15300.2.

ACTIVITIES AND CLASS OF EXEMPTION:

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maintenance, repair, stabilization, rehabilitation, restoration, preservation, conservation or reconstruction of historic resources; 23 CCR 504(a)(7) Dams subject to the jurisdiction of the Department's Division of Safety of Dams.

2. Digging trenches. Class 1, 2, 3, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 3) installation of small new equipment and facilities in small structures; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
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4. Clean out drainage ditches and drain inlets. Class 1, 4. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 4) minor alterations in the condition of the land.
5. Maintenance and replacement of drainage culverts. Class 1, 2, 4, 11. This activity consists of (Class 1) the repair, maintenance, or minor alteration of existing public structures, facilities, mechanical equipment, involving negligible or no expansion of use; (Class 2), replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced; (Class 4) minor alterations in the condition of the land; (Class 11) construction, or placement of minor structures accessory to existing facilities.
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LEAD AGENCY CONTACT PERSON: Jake Eymann
TELEPHONE NUMBER: 209-728-1387

Signature: _____

Date: _____

Jake Eymann
Title Manager Hydro Facilities, NCPA

Signed by Lead Agency

NOTICE OF EXEMPTION

TO: County Clerk
County of Stanislaus
1021 I Street, Suite 101
Stanislaus, CA 95354

Office of Planning & Research
P.O. Box 3044 - Room 113
Sacramento, CA 95812-3044

FROM: Northern California Power Agency
477 Bret Harte Drive
Murphys, CA 95247

PROJECT TITLE: North Fork Stanislaus River Hydroelectric Project FERC Project No. 2409, Upper Utica Hydroelectric Project FERC Project No. 11563, and the Transmission Line FERC Project No. 11197.

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NAME OF PUBLIC AGENCY APPROVING PROJECT:

Northern California Power Agency
651 Commerce Dr.
Roseville, CA 95678

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT:

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477 Bret Harte Drive
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LEAD AGENCY CONTACT PERSON: Jake Eymann
TELEPHONE NUMBER: 209-728-1387

Signature:_____

Jake Eymann

Title Manager Hydro Facilities, NCPA

Date:_____

Signed by Lead Agency



Lodi Energy Center Project Participant Committee

Staff Report

AGENDA ITEM NO.: 14

Meeting Date: October 7, 2024

To: Lodi Energy Center Project Participant Committee

Subject: Approval of Updated Lodi Energy Center (LEC) Project Management and Operations Agreement Schedule 6.00 – Contact List

Proposal

Approval of revised Project Management and Operations Agreement (“PMOA”) Schedule 6.00 for requested updates to the City of Gridley representatives as well as incorporating Project Participant designated Alternates into the Schedule.

Background

NCPA and the LEC Project Participants executed the LEC PMOA, which became effective on August 1, 2010. The PMOA contains multiple Schedules which provide procedures, protocols, and guidelines regarding Project operations. Pursuant to the PMOA, Schedules may be revised, deleted or added from time to time based on then existing operating or market conditions, and subject to the approval of the Project Participant Committee (PPC). Certain Schedules also require approval by the NCPA Commission when such Schedules “...could be reasonably viewed as having an impact on other NCPA projects.” (PMOA, Article 10).

Staff is recommending changes to PMOA Schedule 6.00, “Contact List” which provides the contact information for each of the Project Participants. These changes will update the City of Gridley representatives, as well as incorporate the Project Participant designated Alternates into the Schedule. Schedule 6.00 does not require approval by the NCPA Commission.

Fiscal Impact

No significant costs will be incurred to implement the change to the PMOA Schedule 6.00 and funds are available in the Project Budget to support the work associated with this update.

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.

Recommendation

NCPA staff recommends that the PPC approve the requested revisions to LEC PMOA Schedule 6.00.

Submitted by:

MICHAEL DEBORTOLI
Assistant General Manager Generation Services

Attachments: (1)
PMOA Schedule 6.00 Contact List

Agreement Schedule 6.00

Contact List

Northern California Power Agency

Northern California Power Agency
Attn: Rafael Santana, Lodi Energy Center Manager
651 Commerce Drive
Roseville, California, 95678
Telephone: (209) 210-5000
Facsimile: (209) 333-5215
Email: rafael.santana@ncpa.com

With copies to:

Northern California Power Agency
Attn: Michael DeBortoli, Assistant General Manager – Generation Services
651 Commerce Drive
Roseville, California, 95678
Telephone: (916) 781-4201
Facsimile: (916) 783-7693
Email: michael.debortoli@ncpa.com

Northern California Power Agency
Attn: Tony Zimmer, Assistant General Manager – Power Management
651 Commerce Drive
Roseville, California, 95678
Telephone: (916) 781-4246
Facsimile: (916) 783-4252
Email: tony.zimmer@ncpa.com

City of Azusa

City of Azusa
Azusa Light & Water Department
Attn: Richard Torres, Interim Electric Utility Director
729 N. Azusa Avenue
P.O. Box 9500
Azusa, California 91702-9500
Telephone: (626) 812-5211
Facsimile: (626) 334-3163
Email: rtorres@azusaca.gov

Alternates: *Tim Vuong (tvuong@azusaca.gov); Tikan Singh (tsingh@azusalw.com)*

Field Code Changed

San Francisco Bay Area Rapid Transit District

San Francisco Bay Area Rapid Transit District
Attn: Yuliya Schmidt, Manager of Energy
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Email: yuliya.schmidt@bart.gov
Alternates: Monica Meagher (mmeaghe@bart.gov)

Modesto Irrigation District

Modesto Irrigation District
Attn: James McFall
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Telephone: (209) 526-1521
Facsimile: (209) 526-7575
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Alternates: James McFall (jamesm@mid.org)

California Department of Water Resources:

Department of Water Resources
Attention: Jorge Quintero, Assistant Division Manager (Power Operations)
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Sacramento, CA 95815
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Plumas-Sierra Rural Electric Cooperative

Plumas-Sierra REC
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Field Code Changed

City of Biggs

City of Biggs
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City of Gridley

City of Gridley
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City of Healdsburg

City of Healdsburg
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Alternates: None.

Field Code Changed

City of Lodi

City of Lodi
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Schedule 6.00
LEC Project Management and Operations Agreement
~~7/8/2024~~

~~0/7/2024~~

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City of Lompoc

City of Lompoc
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Silicon Valley Power

Silicon Valley Power
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City of Ukiah

City of Ukiah
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Field Code Changed

Power and Water Resources Pooling Authority

Power and Water Resources Pooling Authority
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Schedule 6.00
LEC Project Management and Operations Agreement
~~7/8/2024~~

~~0/7/2024~~

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Alternates: Bruce McLaughlin (bcm@cameron-daniel.com); David Ansolabehere (dansolabehere@cawelowd.org)



Lodi Energy Center Project Participant Committee

Staff Report

AGENDA ITEM NO.: 15

Date: October 7, 2024
To: Lodi Energy Center Project Participant Committee
Subject: Decommissioning Reserve Policy

Proposal

Staff recommends that the Lodi Energy Center Project Participant Committee approve the Decommissioning Reserve Policy for the Lodi Energy Center.

Background

NCPA Policy 200-101 Operating Reserves includes a high-level purpose for decommissioning reserves and states that they “are funds set aside for the purpose of deactivating a generating plant or other facility and returning the site to a specified condition.” NCPA began decommissioning reserve collections for the Geothermal Generating Project Number 3 (Geo) in 2007. Through Fiscal Year 2024, the Geo Project was the sole project for which NCPA budgeted and collected for future decommissioning costs.

NCPA’s 2021-2026 Strategic Plan identified a goal to review the reserve and program security deposit policies to ensure collected balances are meeting the emerging market risks and opportunities. In conjunction with that goal and the member sentiments about the level of required deposits, security, and collateral collected by the Agency related to various program and agreements, staff solicited and awarded an RFP for a Reserve and Program Security Deposit Study in May, 2022 to Utility Financial Solutions (UFS). NCPA staff reviewed resulting draft study recommendations with the Facilities Committee that October.

During the discussion, the committee participants agreed that NCPA staff should take the steps necessary to create reserve policies for the Combustion Turbine Project Number One (CT1), the Combustion Turbine Project Number Two-Unit One (CT2), and the Lodi Energy Center Project (LEC). NCPA performed updated decommissioning studies in Fiscal Year 2024 and included decommissioning collections in the Fiscal Year 2025 budget for Geo and CT2. The Agency will include decommissioning collections in the Fiscal Year 2026 budget for CT1 and LEC.

During Fiscal Years 2023 and 2024, three significant outages occurred at the Geo Project which required large outlays of unbudgeted funds. By the time the third outage occurred, NCPA had collected for one budget augmentation and after Commission approval had transferred funds from the project’s Maintenance Reserve to pay for operational and repair costs. When the third outage occurred, there was a recommendation and Commission action to approve (Resolution 24-02) the transfer of previously collected funds from the Geothermal Decommissioning Reserve, as needed, to pay for the Geo Plant 1 Unit 2 Turbine Overhaul Project costs and authorizing the replenishment of the reserve funds by Project Participants, to the extent utilized, over a three-year period through the normal budgeting process beginning in Fiscal Year 2025.

Through this chain of events, NCPA staff determined it prudent to develop a more specific Decommissioning Reserve Policy to include purpose and scope, definitions, reserve administration guidelines, authorized uses of reserve funds, and responsibilities.

Fiscal Impact

NCPA will include LEC Decommissioning Reserve Collections in the Fiscal Year 2026 Lodi Energy Center Project budget in an amount yet to be determined.

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.

Submitted by:

MONTY HANKS
Assistant General Manager, Admin Services / CFO
Administrative Services

Attachment:

- Decommissioning Reserves Policy No. 200-104

POLICY

It is the policy of the Agency to sufficiently fund future decommissioning costs for NCPA generation projects and to stabilize collections from Project Participants over the life of the assets. Such collected funds shall be accounted for separately for each power plant.

PURPOSE AND SCOPE

The purpose of this policy is to ensure that the Agency adequately collects for applicable generation projects' decommissioning costs prior to the time that those costs are incurred. This policy is applicable to the following NCPA generation projects: 1) Geothermal Generating Project Number 3; 2) Combustion Turbine Project Number One; 3) Combustion Turbine Project Number Two; and 4) Lodi Energy Center Project. This policy is not applicable to the Hydroelectric Project Number One. Decommissioning Reserves will be categorized as Designated Reserves and will be unrestricted. This policy identifies target reserve funding levels and authorized uses of reserve funds.

REFERENCE

- Agreement for Construction, Operation, and Financing of Geothermal Generating Project Number 3
- Agreement for Construction, Operation, and Financing of Combustion Turbine Project Number One
- Agreement for Construction, Operation, and Financing of Combustion Turbine Project Number Two-Unit One
- Lodi Energy Center Project Management and Operations Agreement
- NCPA's Investment Policy and Guidelines

DEFINITIONS AND GUIDELINES

All Resources Bill (ARB) is the invoice that NCPA issues to each Participant for its allocated share of generation and other resources, transmission, Administrative Services, Power Management, Legislative and Regulatory, reserves and deposits, and all other Agency program and activity related costs.

Decommissioning Reserve are funds set aside for the purpose of removing a generating facility from service at the end of its life including deconstruction and dismantling, the removal of components for reuse, remanufacturing, recycling, storage, and/or disposal, and any required remediation or restoration of the project site to a specified condition or to its original state. The decommissioning may be required by regulation, licensing, contract or leasehold agreements which may impose time and/or other conditional restraints on such activities. Properly planning and then collecting for decommissioning costs over time allows the Agency to mitigate negative impacts to environments and economies in which it operates and stabilize costs and financial impact to Project Participants and their ratepayers. Decommissioning Reserves should be considered an integral part of the Agency risk management program.

Decommissioning Study (Capital Cost Estimate) are studies performed by third party consultants that result in updated models and cost estimates using current rates for key factors, revisiting California decommissioning requirements, incorporating current

demolition and construction trends, and revisiting the demolition methodology based on current demolition industry experience using a determined approach such as the Engineering, Procurement, and Construction (EPC) approach. These studies will list major assumptions utilized in the study to arrive at the refreshed estimates.

Decommissioning requirements shall be reviewed at a maximum interval of every seven years and reserve requirements updated as needed depending on economic conditions, environmental laws or other such circumstances that may affect the cost of decommissioning. Decommissioning Study shall be updated within three years of the projected final decommissioning date when the last cost refresh occurred more than three years prior to the commencement of decommissioning activities.

Designated Reserves are that portion of unrestricted reserves that meet specific purposes set aside by the NCPA Commission. Designated reserves may be held for specific capital and operating purposes.

Emergency is an unanticipated event that results in an unbudgeted expense in excess of \$5 million or in excess of the project's unassigned Maintenance Reserve balance. The Agency standard operating procedure will be to recommend that such emergencies are funded from the respective project's Maintenance Reserve. If the funds required to pay for the emergency costs are not available in the project's Maintenance Reserve, NCPA will recommend that the emergency is funded through a budget augmentation. Members may pay that augmentation with their available GOR balances or directly to NCPA, while non-member participants will pay funds directly to NCPA; the Agency may invoice the augmentation through the ARB or through a special invoice. As a last resort, NCPA's Assistant General Manager (AGM) Administrative Services may recommend funding the emergency through a loan from the respective plant's Decommissioning Reserve in the case that the respective Maintenance Reserve balance is not sufficient to pay for emergency costs and Project Participants and the NCPA Commission have determined that a budget augmentation is not a feasible option. Funds shall not be loaned to cover emergencies at plants other than the plant identified in the Designated Reserve.

General Operating Reserve (GOR) is a special voluntary reserve established for purposes of providing a vehicle to fund reasonably foreseeable contingent liabilities. It provides members complete flexibility and discretion to solely determine their participation and level of funding, if any, for any specific or non-specific contingent liability.

Loan occurs when Project Participants borrow funds from a plant's Decommissioning Reserve balance to fund an emergency expenditure. A loan from the reserve is the last resort when other funding sources are not available to cover the costs of an emergency. All loans require approval of the NCPA Commission prior to the transfer of fund balances from the project Decommissioning Reserve to the project Maintenance Reserve. Generally, loans will be limited to an aggregate 25% of the collected reserve balance for each project. When the market is such that securities can be sold without incurring losses, subject to NCPA Commission approval, loans may exceed the aggregate limit of 25%, but at no time will loans be made in excess of 35% of the collected reserve balance.

The Agency will review loans on a case by case basis to determine whether repayment to the Decommissioning Reserve is required or if interest earnings are projected to be sufficient to recover the loan principal balance and any foregone interest earnings. When repayment of the loan is required, the maximum allowable repayment term will be three years. NCPA will collect repayments of loans from Project Participants through the annual operating budget process.

In the event that a project participant supports a Decommissioning Reserve loan to fund emergency expenses but states the intention to fund its allocated share of the costs from another source such as from its uncommitted GOR balance, NCPA will create a new loan allocation basis to apportion the loan amongst the remainder of project participants. Future budgetary collections for the repayment to the Decommissioning Reserve will be based on that revised loan allocation basis and not on generation entitlement shares.

Loan Allocation Basis is the allocation methodology to be utilized when there are project participants who do not fund their respective portion of expenditures related to an emergency from the Decommissioning Reserve Loan. The allocation will be determined based on each participant that funded its respective share of the emergency costs through the loan in relation to the total loan amount.

Maintenance Reserves are set aside for the purpose of funding unanticipated, but Commission approved, cost overruns, extraordinary repairs, and unbudgeted maintenance. Fund balances and annual replenishments are affected through the annual operating budget.

Project Participants entities that executed the project Third Phase Agreements together in each case with their respective successors or assigns.

Unassigned Maintenance Reserve Balance is the portion of a project Maintenance Reserve balance that has not been specifically identified to fund a maintenance or capital project.

DECOMMISSIONING RESERVE ADMINISTRATION

The Decommissioning Reserves will be administered as follows:

- Decommissioning funding for each plant, as estimated in periodic decommissioning studies, shall be reviewed and recommended by the Facilities Committee for Commission approval and incorporated into the annual budget process.
- Funds will be held by NCPA in separate project related accounts in its general ledger.
- Funds will not be comingled with other Operating Funds for investment purposes, but rather will be separately held and invested in accordance with Agency Investment Policy and Guidelines. Investments will be laddered over a period not to exceed ten (10) years and the maximum term of any single investment will be no longer than ten (10) years.
- Funds shall not be loaned to cover emergencies at plants other than the plant identified in the Designated Reserve.
- Interest earnings thereon shall be paid and added to the respective project Decommissioning Reserve account balances. Individual participant accounts will be credited with their proportionate share of such earnings.
- NCPA will maintain a detailed accounting by Participant, which will be updated not less than quarterly and shall be available at any time to a participant upon request.
- The prior year's activity will be reviewed and the proposed funding level presented during the NCPA Annual Budget process. Such proposed funding levels will be based on the most recent Decommissioning Study cost estimate for each of the projects.
- The cost allocation for annual collection of repayment for Decommissioning Reserve Loans will be based on the loan allocation basis.
- The Agency may invest up to 25% of each reserve's portfolio in investments with maximum maturities of up to one year. The balance of investment maturities will be aligned with projected decommissioning activity cash flow needs. Any investment losses resulting from the sale of investments prior to the maturity dates to fund emergencies, i.e., before maturity, shall be allocated to and borne by the Project Participant(s) causing such action by NCPA. When an emergency requires the liquidation of investments, the Treasurer-Controller will mitigate losses to the extent possible. The potential loss on the early sale of investments shall be included in the Staff Report recommending the use of Decommissioning Reserve funds to pay for the emergency related costs.

AUTHORIZED USES OF RESERVE FUNDS

The Decommissioning Reserves funds may be used for decommissioning purposes and for Loans to pay for costs associated with an emergency, as approved by the NCPA Commission.

RESPONSIBILITY

ASSISTANT GENERAL MANAGER (AGM) Generation Services is responsible for the Decommissioning Reserves. Responsibilities include monitoring usage of the reserves, obtaining Decommissioning Study cost estimates, and recommending adjustments and/or changes to the reserves as needed.

ASSISTANT GENERAL MANAGER Administrative Services/CFO is responsible for all Reserve funds to include: opening or closing reserve funds, recommending policy changes in regard to reserves, ensuring that these reserves are used in assessing the Agency's risk management program, and recommending funding project emergency related costs from the respective Decommissioning Reserve through a Loan.

TREASURER-CONTROLLER is responsible for monitoring usage of the reserve funds, assessing the adequacy of the reserves, budgeting reserves to maintain appropriate reserve balances, periodic reporting of reserve activity, laddering reserve investments, and mitigating losses on the early sale of investments that are needed to pay for emergencies as approved by the NCPA Commission.

RESERVE ANNUAL AND AGGREGATE TARGETS AND FUNDING

Reserves are generally funded through the annual operating budget process. Annual and aggregate funding targets is included in Attachment 1.

ATTACHMENTS

Attachment 1 - Table of Decommissioning Reserves Annual and Aggregate Target Funding Levels

VERSION HISTORY

No.	Explanation	Date	Author
0	Original Policy	10/24	SA

**TABLE OF DECOMMISSIONING RESERVES
ANNUAL AND AGGREGATE TARGET FUNDING LEVELS**

Reserve	Annual Funding Targets	Aggregate Funding Targets ⁶	Funding Method
Geo Facilities ¹	\$2,417,081	\$89,248,000	ARB
CT No.One ²	0	20,395,000	ARB
CT No. Two (STIG) ^{3,4}	2,300,000	9,117,000	ARB
LEC ⁵	0	21,900,000	ARB
Totals	\$4,717,081	\$140,660,000	

¹ Reserve target and FY25 budget funding requirements derived from Black & Veatch Demolition Cost Refresh for Geothermal Facilities dated December 12, 2023. NCPA commenced project reserve collections in FY07.

² Reserve target derived from Black & Veatch Demolition Cost Refresh for Lodi CT1 dated December 12, 2023. Reserve collections not included in FY25 budget; reserve funding collections to begin in FY26.

³ Reserve target derived from Black & Veatch Demolition Cost Refresh for Lodi CT2 dated December 12, 2023. NCPA commenced project reserve collections in FY25.

⁴ The Black & Veatch Demolition Cost Refresh for Lodi CT2 dated December 12, 2023 included two scenarios: 1) a full decommissioning of the plant for which costs are reflected in the table above; and 2) a partial decommissioning with the assumption that some plant components and systems would be utilized as part of a CT2 Repowering Project. NCPA will assume the full decommissioning scenario until such time that the project participants reach agreement on the proposed repowering project.

⁵ Reserve target derived from Black & Veatch Decommissioning Study for Lodi Energy Center dated December 12, 2023. Reserve collections not included in FY25 budget; reserve funding collections to begin in FY26.

⁶ Projected decommissioning costs are as of December 12, 2023. NCPA will escalate the costs at a percentage to be determined annually in conjunction with the budget and financial statement audit cycles.



LEC Informational Updates

LEC Hydrogen Updates

- **GHD contracted to provide estimates for long term electrolyzer and storage build-out strategy (up to 100% H₂).**
- **Studied multiple scenarios to optimize H₂ production to storage buildout ratio.**
- **Waiting on final report from GHD following NCPA review questions.**
- **Will present in November PPC meeting.**

LEC Additional Operational Report

Auxiliary Boiler

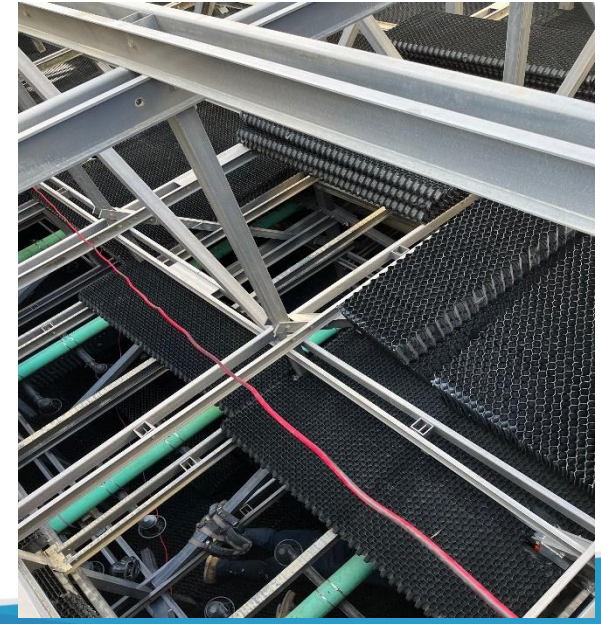
- On 9/9/24 @ 0004 thru 1632, Aux boiler placed LEC into a forced outage. The auxiliary boiler plays an important role on LEC as we use it to pre-warm HRSG, supply seal steam to steam turbine and to pull vacuum on condenser prior to start up. Unfortunately, we encountered an inlet damper issue which kept the boiler from firing up and sustaining combustion.
- After investigating and troubleshooting, we found a defective inlet damper positioner. Tech's rescaled positioner to allow proper combustion of the aux boiler on low loads. We've ordered two new positioners, one to install and one for inventory.



LEC Additional Operational Report Cont.

Cooling Tower Fill

- During our outage in April, we replace tower cell # 4 fill as it was starting to sag. During install it was discovered that an error had been made with the tower fill order. Brentwood had to remanufacture the remaining top section of tower fill for cell # 4. We hired a consultant to comment on operating our tower with less fill than designed (missing 12" top layer). Consultant reviewed data and saw no major issues with running in this manner, a decrease in tower temp output by 0.03°F and overall performance decrease by 0.24%. The decrease in tower output had a negligible effect on plant net heat rate.
- American Cooling Tower arrived onsite on 9/16/24 to conduct install of remaining 12" of fill on tower cell # 4. Install completed in three days. We are back to normal on cell # 4.



LEC Additional Operational Report

Gas Compressor B Leak

- On 9/30/24 @ 1351 thru 10/1/24 @ 1430, B Gas Compressor developed a leak which placed LEC into a forced outage. The Gas Compressor plays a vital role in LEC operation as it compresses the incoming natural gas from PG&E to 525psi for usage on the gas turbine. Unfortunately, during start up, a cloud of oil vapor/gas developed. Crews reacted immediately and began shutting down the plant, ERP, notifications and vented gas from our facility to minimize risk.
- After investigating and troubleshooting, we found the leak to be coming from the Gas Compressor drive end mechanical seal area. We contacted Kobelco for a TFA to assist our tech's in changing the defective seal. We have one spare seal in inventory but will need to split and order a new set for inventory. Seal was replaced on B gas compressor on 6/27/21. ACTEnviro conducted clean up.



LEC Additional Operational Report Cont.

FX Upgrade CEC Update

Scheduled meetings with CEC as necessary to discuss the following;

- CEC license amendment update (CEQA, Air).
- CEC/NCPA FX draft agreement discussions.
- CEC will aim for the January 21, 2025, CEC business meeting.

FX Upgrade Air Permit Update

- The applicable SJVAPCD BACT guideline was expired so a thorough review must be conducted to update the guideline. Thus far, I have not seen anything to suggest the guideline will incorporate requirements more stringent than what NCPA currently meets with this turbine.
- The project triggers a 45-day notice period prior to approval. We cannot begin the notice period until air district review is complete.
- SJVAPCD expects to begin air permit public notice before end of October.

Siemens LTP FX addendum

Siemens FX upgrade contract addendum complete, parts on order.

- Addition of an offramp for members in case air permit falls thru but I have no indication from CEC that this will happen.
 - Cancellation fee \$665,000
- Re-negotiated first FX payment;
 - From Jan 1st, 2025 to June 1st, 2025 (25%)
 - Second payment Jan 1st, 2026 (25%)
 - Parts delivery expected February 2027 (25%)
 - Upon project completion (25%).