



12745 N. Thornton Road
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LEC PPC Agenda

Date: June 4, 2020
Subject: June 8, 2020 Lodi Energy Center Project Participant Committee Meeting
Location: 12745 N. Thornton Road, Lodi, CA and/or Posted Teleconference Locations
Time: 10:00 a.m.

*** This meeting is being held in accordance with the Brown Act as currently in effect under the State Emergency Services Act, Governor Newsom's Emergency Declaration related to COVID-19, and Governor Newsom's Executive Order N-29-20 issued on March 17, 2020 that allows attendance by LEC PPC Members, staff, and the public to participate and conduct the meeting by teleconference.

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In compliance with the Executive Department, State of California, Executive Order N-29-20, and the Brown Act, you may participate in the meeting via teleconference by:
Dial: 1-872-240-3412
Access Code: 439-093-085

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.

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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 May 11, 2020 Regular Meeting Minutes

MONTHLY REPORTS

4. Operational Report for May 2020 – (Rafael Santana)

5. Market Data Report for May 2020 – No update due to ongoing outage.

6. Monthly Asset Report for April 2020 – (Michael DeBortoli)

7. Bidding Strategies Report – No update due to ongoing outage.

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 April 2020 – Accept by all Participants

9. Financial Report for April 2020 – 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. Univar USA, Inc. First Amendment to MTEMS** – Staff is seeking approval of a First Amendment to the Multi-Task Agreement for Purchase of Equipment, Materials and Supplies, changing the vendor name to Univar Solutions, Inc., with no change to the not to exceed amount or contract term, for continued use at all facilities owned and/or operated by NCPA.
- 12. PMOA Schedule 1.00, Exhibit 5** – Staff is seeking approval to update PMOA Schedule 1.00, Exhibit 5 to reflect the current CAISO GMC rates.

Consent Items pulled for discussion: _____

BUSINESS ACTION ITEMS

None.

INFORMATIONAL/ DISCUSSION ITEMS

- 13. Additional Operational Updates** – Staff will provide an update on issues related to Operations.

ADJOURNMENT

Next Regular Meeting: July 6, 2020 at 10:00 a.m.

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.



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LEC PPC Meeting Minutes

Date: May 11, 2020

Time: 10:00am

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

The PPC meeting was called to order at 10:01am by Chairman Jiayo Chiang. He asked that roll be called for the Project Participants as listed below.

PPC Meeting Attendance Summary		
Participant	Attendance	Particulars / GES
Azusa - Robledo	Absent	2.7857%
BART - Lloyd	Absent	6.6000%
Biggs - Sorenson	Present	0.2679%
CDWR - Alqaser	Present	33.5000%
Gridley - Borges	Present	1.9643%
Healdsburg - Crowley	Absent	1.6428%
Lodi - Chiang	Present	9.5000%
Lompoc - Singh	Absent	2.0357%
MID - Costalupes	Present	10.7143%
Plumas-Sierra - Brozo	Absent	0.7857%
PWRPA - McLaughlin	Present	2.6679%
SVP - Wong	Present	25.7500%
Ukiah - Grandi	Absent	1.7857%
Summary		
Present	7	84.3644%
Absent	6	15.6356%
Quorum by #:	Yes	
Quorum by GES:	Yes	

Meeting Date:

May 11, 2020

Public Forum

Chairman Chiang asked if any members of the public were on the phone 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 April 6, 2020 were considered. The LEC PPC considered the following motion:

Date: 5/11/2020

Motion: The PPC approves the minutes from the April 6, 2020 regular LEC PPC meeting.

Moved by:

CDWR

Seconded by:

SVP

Discussion: There was no further discussion

Vote Summary on Motion		
Participant	Vote	Particulars / GES
Azusa	Absent	2.7857%
BART	Absent	6.6000%
Biggs	Yes	0.2679%
CDWR	Yes	33.5000%
Gridley	Yes	1.9643%
Healdsburg	Absent	1.6428%
Lodi	Yes	9.5000%
Lompoc	Absent	2.0357%
Modesto	Yes	10.7143%
Plumas-Sierra	Absent	0.7857%
PWRPA	Yes	2.6679%
Silicon Valley Power	Yes	25.7500%
Ukiah	Absent	1.7857%
Vote Summary		
Total Ayes	7	84.3644%
Total Noes	0	0.0000%
Total Abstain	0	0.0000%
Total Absent	6	15.6356%
Result:		Motion Passes

MONTHLY REPORTS

4. Operational Reports for April 2020

Rafael Santana presented the Operational Report for April 2020. There were no OSHA recordable accidents, no NERC/WECC or permit violations, and the forced outage from January 16, 2020 is making good progress. Rafael mentioned the CT Transformer replacement delivery is scheduled for May 14, 2020. The CT major outage is scheduled for 2021/2022. Michael DeBortoli mentioned the energy revenue loss is small during this outage timeframe.

The operational report reflected monthly production of 0 MWH, 0 service hours, and equivalent operating availability of 0%. The report set for the Capacity Factor @ 302MW Pmax of 0%. There were 0 hot starts, 0 warm starts, and 0 cold starts during the month.

5. Market Data Report for April 2020

Zackary Liske mentioned the operating and financial settlement results for the month. LEC was committed to CAISO 0 out of 0 available days. There were no startups in the month of April, due to the January 2020 forced outage.

6. Monthly Asset Report

Michael DeBortoli presented the monthly asset report for March 2020. Michael mentioned the fixed costs are in line with the forecast and budget for the month of March. Currently, LEC is in a soft market. In years past, March activity can be good or bad based on the rain and snow impact. This is a weak March involving COVID-19.

7. Bidding Strategies Report

Ken Geoke mentioned, due to the January 2020 forced outage, there was no update or presentation for the Bidding Strategies Report for April 2020.

Consent Calendar (Items 8-13)

The consent calendar was considered. Chairman Chiang 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: 5/11/2020

Motion: The PPC approves the Consent Calendar items consisting of agenda items no.:
8. Treasurer's Report for March 2020; **9.** Financial Report for March 2020; **10.**

GHG Reports (excerpted from the Monthly ARB); **11.** Sulzer Turbo Services Houston, Inc. Second Amendment to MTGSA-EMS extending the contract expiration date to August 12, 2020, with no change to the not to exceed amount, for continued use at all NCPA facilities and Members/SCPPA; **12.** Securitas Security Services USA, Inc. MTGSA for security services, not to exceed \$1,000,000, for use at all NCPA facilities and Members/SCPPA; **13.** Energy Project Solutions, LLC MTGSA for pipeline operations and maintenance services, not to exceed \$1,000,000, for use at all NCPA facilities and Members/SCPPA.

Moved by:
Seconded by:

CDWR
Lodi

Discussion: There was no further discussion.

Vote Summary on Motion		
Participant	Vote	Particulars / GES
Azusa	Absent	2.7857%
BART	Absent	6.6000%
Biggs	Yes	0.2679%
CDWR	Yes	33.5000%
Gridley	Yes	1.9643%
Healdsburg	Absent	1.6428%
Lodi	Yes	9.5000%
Lompoc	Absent	2.0357%
Modesto	Yes	10.7143%
Plumas-Sierra	Absent	0.7857%
PWRPA	Yes	2.6679%
Silicon Valley Power	Yes	25.7500%
Ukiah	Absent	1.7857%
Vote Summary		
Total Ayes	7	84.3644%
Total Noes	0	0.0000%
Total Abstain	0	0.0000%
Total Absent	6	15.6356%
Result:	Motion Passes	

BUSINESS ACTION ITEMS

None.

INFORMATIONAL ITEMS

14. LEC Unit Update

Michael DeBortoli provided an update on the forced outage progress. The delivery date of the new transformer will be onsite May 14, 2020. This is four days sooner, than previously expected from the COVID-19 shipping delays from each port. Chairman Chiang confirmed the outage scheduled is on time. Steve Hance, with Silicon Valley Power, mentioned social distancing, lessons learned with COVID-19 during the outage. Michael DeBortoli discussed the COVID-19 protocol onsite including a lot of available space, extra trailers and staggered breaks between workers to keep social distancing. The security guard is isolated and having questionnaires filled out.

15. Additional Operational Updates

None.

Adjournment

The next regular meeting of the PPC is scheduled for Monday, June 8, 2020 at 10:00am.

The meeting was adjourned at 10:14am.

Submitted by: Melissa Conrad

Lodi Energy Center Project Participant Committee

Operational Report

Agenda Item No.: 5

Date: 06/08/2020

To: Lodi Energy Center Project Participant Committee

Safety

- OSHA Recordable: 0 Accidents.

Notice of Violations

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

Outage Summaries:

- 5/1 – 5/31: LEC CT failure, OMS 8344634.

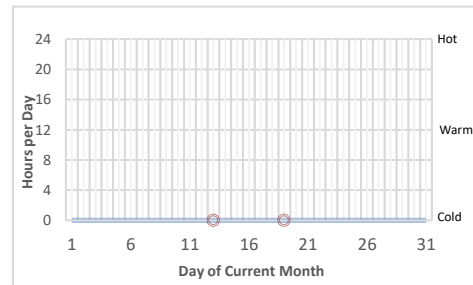
Planned Outage Summaries:

- 2020 MAY – CTG Main Transformer Replacement
- 2022/2023 ST and Gen – Major Inspection (6 weeks outage)

Generating Unit Statistics:**Date:**

5/1/2020

1. Monthly Production 0 MWH
2. Productivity Factor
- a. Service Hours 0 Hours
- b. Service Factor 0.0% %
- c. Capacity Factor @ 302MW Pmax 0.0 %
3. Equivalent Operating Availability (EOA) 0.0 %
4. Forced Outage Rate (FOR) #DIV/0! %



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	0	0.00%	0	\$0
Seg. 4 250 - 275	7081	0	0.00%	0	\$0
Seg. 5 225 - 250	7130	0	0.00%	0	\$0
Seg. 6 200 - 225	7200	0	0.00%	0	\$0
Seg. 7 175 - 225	7450	0	0.00%	0	\$0
Seg. 8 165 - 175	7760	0	0.00%	0	\$0
	7,164	#DIV/0!	0.00%	0	\$0

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	\$0
Seg. 5 225 - 250	0	0	0	\$0
Seg. 6 200 - 225	0	0	0	\$0
Seg. 7 175 - 225	0	0	0	\$0
Seg. 8 165 - 175	0	0	0	\$0
	0	0	0	\$0

7. Starting Reliability

Start Type	Hot Starts	Warm Starts	Cold Starts
Number of Starts	0	0	0
Start Time Benchmark (Minutes)	75	110	200
Start Time Actual (Average Minute)	0	0	1455
Start Time Deviation (%)	0%	0%	0%
Start Fuel Benchmark PMOA (mmBTU)	1,300	1,800	3,500
Start Fuel Actual (Average mmBTU)	1,300	0	0
Fuel Deviation (%)	0%	-100%	0%
Costs of Fuel Deviations (\$)	\$0	\$0	\$0



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LEC Treasurer's Report

AGENDA ITEM NO.: 8

Date: June 8, 2020
To: LEC Project Participant Committee
Subject: Treasurer's Report for the Month Ended April 30, 2020

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 \$42,895.

Investments - The carrying value of the LEC's investment portfolio totaled \$40,869,367 at month end. The current market value of the portfolio totaled \$41,069,645.

The overall portfolio had a combined weighted average interest rate of 1.370% with a bond equivalent yield (yield to maturity) of 1.167%. Investments with a maturity greater than one year totaled \$6,685,000. During the month \$12,191,407 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 increased 11 basis points (from 0.01% to 0.12%) and rates on one year T-Bills remained unchanged at 0.17%.

To the best of my knowledge and belief, all securities held by LEC as of April 30, 2020 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

APRIL 30, 2020

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**Northern California Power Agency/Lodi Energy Center
Treasurer's Report
Cash & Investment Balance
April 30, 2020**

	CASH	INVESTMENTS	TOTAL	PERCENT	INVESTMENTS at MARKET
MANDATORY FUNDS					
Debt Service Account	\$ 422	\$ 16,710,994	\$ 16,711,416	40.85%	\$ 16,723,694
Debt Service Reserve	-	12,547,634	12,547,634	30.67%	12,695,055
O & M Reserve	-	11,504,417	11,504,417	28.12%	11,544,574
	422	40,763,045	40,763,467	99.64%	40,963,323
ADDITIONAL PROJECT FUNDS					
GHG Cash Account	-	106,322	106,322	0.26%	106,322
Transmission Upgrade Escrow ¹	42,473	-	42,473	0.10%	-
Participant Deposit Account	-	-	-	0.00%	-
	\$ 42,895	\$ 40,869,367	\$ 40,912,262	100.00%	\$ 41,069,645

NOTE A -Investment amounts shown at book carrying value.

¹ Amount held in escrow

Northern California Power Agency/Lodi Energy Center
Treasurer's Report
Cash Activity Summary
April 30, 2020

	RECEIPTS			EXPENDITURES			CASH
	INTEREST	INVESTMENTS		INVESTMENTS	INTER-COMPANY/	INCREASE /	
	OPS/CONSTR	(NOTE B)	(NOTE A)	OPS/CONSTR	(NOTE B)	FUND TRANSFERS	(DECREASE)
MANDATORY FUNDS							
Debt Service Account	\$ -	\$ 303	\$ 4,160,409	\$ -	\$ (6,543,292)	\$ 2,180,546	\$ (202,034)
Debt Service Reserve	-	25	4,382,761	-	(4,382,786)	-	-
O & M Reserve	-	14,867	1,250,000	-	(1,264,867)	-	-
	-	15,195	9,793,170	-	(12,190,945)	2,180,546	(202,034)
ADDITIONAL PROJECT FUNDS							
GHG Cash Account	-	462	-	-	(462)	-	-
Transmission Upgrade Escrow ¹	-	2	-	-	-	-	2
Participant Deposit Account	-	-	-	-	-	-	-
TOTAL	\$ -	\$ 15,659	\$ 9,793,170	\$ -	\$ (12,191,407)	\$ 2,180,546	\$ (202,032)

NOTE A -Investment amounts shown at book carrying value.

NOTE B -Net of accrued interest purchased on investments.

¹ Amount held in escrow

**Northern California Power Agency/Lodi Energy Center
Treasurer's Report
Investment Activity Summary
April 30, 2020**

			(NON-CASH) DISC/(PREM) AMORT	(NON-CASH) GAIN/(LOSS) ON SALE	INVESTMENTS	
	PURCHASED	SOLD OR MATURED			TRANSFERS	INCREASE / (DECREASE)
MANDATORY FUNDS						
Debt Service Account	\$ 6,543,292	(4,160,409)	\$ 13,436	\$ -	\$ -	\$ 2,396,319
Debt Service Reserve	4,382,786	(4,382,761)	(2,620)	-	-	(2,595)
O & M Reserve	1,264,867	(1,250,000)	(918)	-	-	13,949
	<u>12,190,945</u>	<u>(9,793,170)</u>	<u>9,898</u>	<u>-</u>	<u>-</u>	<u>2,407,673</u>
ADDITIONAL PROJECT FUNDS						
GHG Cash Account	462	-	-	-	-	462
Participant Deposit Acct.	-	-	-	-	-	-
TOTAL	<u>\$ 12,191,407</u>	<u>\$ (9,793,170)</u>	<u>\$ 9,898</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 2,408,135</u>

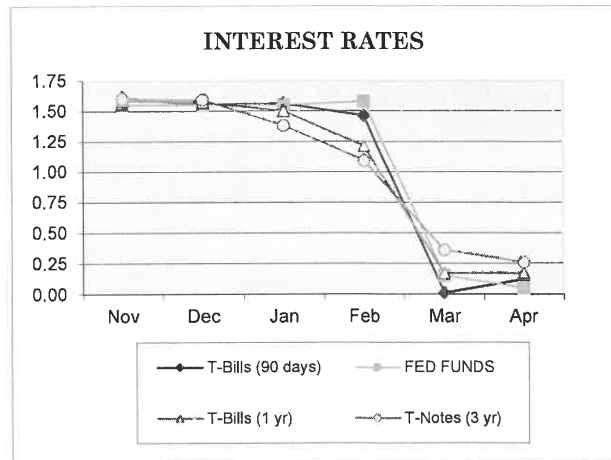
Less Non- Cash Activity	
Disc/(Prem) Amortization & Gain/(Loss) on Sale	(9,898)
Net Change in Investment --Before Non-Cash Activity	<u>\$ 2,398,237</u>

NOTE A -Investment amounts shown at book carrying value.

**Northern California Power Agency
Lodi Energy Center
Interest Rate/Yield Analysis
April 30, 2020**

	WEIGHTED AVERAGE INTEREST RATE	BOND EQUIVALENT YIELD
OVERALL COMBINED	1.370%	1.167%
Debt Service Account	0.976%	0.995%
Debt Service Reserve	1.523%	1.099%
O & M Reserve	1.770%	1.483%
GHG Cash Account	2.020%	2.020%

KEY INTEREST RATES		
	CURRENT	PRIOR YEAR
Fed Funds (Overnight)	0.05%	2.44%
T-Bills (90da.)	0.12%	2.44%
Agency Disc (90da.)	0.15%	2.35%
T-Bills (1yr.)	0.17%	2.43%
Agency Disc (1yr.)	0.16%	2.25%
T-Notes (3yr.)	0.26%	2.30%



Northern California Power Agency/Lodi Energy Center
Total Portfolio
Investment Maturities Analysis
April 30, 2020

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	\$ -	\$ 23,452	\$0	\$ 420	\$ 500	\$ 4,630	\$ -	\$ 29,002	71.10%
Corporate Bonds (MTN)	-	-	-	-	-	1,555	-	1,555	3.81%
Municipal Bonds	-	-	-	-	-	500	-	500	1.23%
US Bank Trust Money Market	40	-	-	-	-	-	-	40	0.10%
Commercial Paper	-	-	-	-	-	-	-	-	0.01%
Investment Trusts (LAIF)	1,644	-	-	-	-	-	-	1,644	4.03%
Investment Trusts (CAMP)	-	-	-	-	-	-	-	-	0.01%
U.S.Treasury Market Acct. *	730	-	-	-	-	-	-	730	1.79%
U.S.Treasury Bill/Note	-	7,320	-	-	-	-	-	7,320	17.95%
Certificates of Deposit	-	-	-	-	-	-	-	-	0.00%
Total Dollars	\$ 2,414	\$30,772	\$0	\$420	\$500	\$6,685	\$0	\$ 40,791	100.00%
Total Percents	5.91%	75.44%	0.00%	1.03%	1.23%	16.39%	0.00%	100.00%	

Investments are shown at Face Value, in thousands.

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

04/30/2020

LEC Issue#1 2010A 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	121	0.600	07/01/2013	121	121	1	0.600	121	SYS79003	79003	121
U.S. Treasury	USBT	567,000	0.060	04/28/2020	566,972	05/28/2020	27	0.060	566,977	912796TW9	26994	566,974
Federal Home Loan Ba	USBT	1,132,000	0.095	04/07/2020	1,131,845	05/29/2020	28	0.096	1,131,921	313384XL8	26972	1,131,916
Federal Home Loan Ba	USBT	3,621,000	1.550	12/30/2019	3,596,991	06/01/2020	31	1.582	3,620,674	313384XP9 A	26918	3,616,167
Federal Home Loan Ba	USBT	570,000	1.550	01/28/2020	566,932	06/01/2020	31	1.580	569,949	313384XP9A	26936	569,239
Fund Total and Average		\$ 5,890,121	1.127		\$ 5,862,861		30	1.149	\$ 5,889,642			\$ 5,884,417

LEC Issue #1 2010B DS Fund

US Bank Trust	USB	287	0.600	07/01/2013	287	287	1	0.600	287	SYS79004	79004	287
U.S. Treasury	USBT	733,000	0.060	04/28/2020	732,963	05/28/2020	27	0.060	732,971	912796TW9	26995	732,967
Federal Home Loan Ba	USBT	1,467,000	0.094	04/07/2020	1,466,799	05/29/2020	28	0.096	1,466,897	313384XL8	26973	1,466,892
Federal Home Loan Ba	USBT	743,000	1.549	12/30/2019	738,074	06/01/2020	31	1.582	742,933	313384XP9 A	26919	742,008
Federal Home Loan Ba	USBT	737,000	1.549	01/28/2020	733,034	06/01/2020	31	1.580	736,934	313384XP9A	26937	736,016
Fund Total and Average		\$ 3,680,287	0.673		\$ 3,671,157		29	0.686	\$ 3,680,022			\$ 3,678,170

LEC Issue #2 2010B DS Fund

US Bank Trust	USB	594	0.600	07/01/2013	594	594	1	0.600	594	SYS79012	79012	594
U.S. Treasury	USBT	781,000	0.060	04/28/2020	780,961	05/28/2020	27	0.060	780,969	912796TW9	26996	780,965
Federal Home Loan Ba	USBT	1,561,000	0.094	04/07/2020	1,560,786	05/29/2020	28	0.096	1,560,891	313384XL8	26974	1,560,885
Federal Home Loan Ba	USBT	3,036,000	1.550	12/30/2019	3,015,870	06/01/2020	31	1.582	3,035,727	313384XP9 A	26920	3,031,948
Federal Home Loan Ba	USBT	786,000	1.550	01/28/2020	781,770	06/01/2020	31	1.580	785,929	313384XP9A	26938	784,951
Fund Total and Average		\$ 6,164,594	0.992		\$ 6,139,981		30	1.012	\$ 6,164,110			\$ 6,159,343

LEC Issue#1 2017A DS Fund

U.S. Treasury	USBT	101,000	0.060	04/28/2020	100,995	05/28/2020	27	0.060	100,996	912796TW9	26997	100,995
Federal Home Loan Ba	USBT	202,000	0.095	04/07/2020	201,972	05/29/2020	28	0.096	201,986	313384XL8	26975	201,985
Federal Home Loan Ba	USBT	586,000	1.550	12/30/2019	582,114	06/01/2020	31	1.582	585,947	313384XP9 A	26921	585,218
Federal Home Loan Ba	USBT	101,000	1.550	01/28/2020	100,466	06/01/2020	31	1.580	100,991	313384XP9A	26939	100,865
Fund Total and Average		\$ 990,000	1.101		\$ 985,537		30	1.123	\$ 989,920			\$ 989,063

GRAND TOTALS:	\$ 16,725,002	0.976	\$ 16,669,536	30	0.995	\$ 16,723,694.	\$ 16,710,993
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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 04/30/2020

Northern California Power Agency
Treasurer's Report



LEC Issue #1 2010 DSR Fund

04/30/2020

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	943	0.600	07/01/2013	943		1	0.600	943	SYS79005	79005	943
U.S. Treasury	USBT	4,383,000	0.060	04/28/2020	4,382,781	05/28/2020	27	0.060	4,382,825	912796TW9	26998	4,382,803
Federal Home Loan Ba	USBT	420,000	1.500	01/28/2020	413,823	01/15/2021	259	1.537	419,546	313385AQ9A	26943	415,468
Federal Home Loan Mt	USB	150,000	1.125	07/28/2017	146,648	08/12/2021	488	1.699	151,680	3137EAECC9	26454	148,937
Federal Home Loan Ba	USB	4,100,000	2.125	08/28/2017	4,168,306	06/10/2022	770	1.760	4,262,237	313379Q069	26463	4,130,107
Fund Total and Average		\$ 9,053,943	1.083		\$ 9,112,501		383	0.928	\$ 9,217,231			\$ 9,078,258

LEC Iss#1 2010B BABS Subs Resv

US Bank Trust	USB	37,238	0.600	07/01/2013	37,238		1	0.600	37,238	SYS79006	79006	37,238
Federal Home Loan Ba	USB	2,145,000	3.375	07/28/2017	2,255,146	06/12/2020	42	1.540	2,152,014	313370E38	26455	2,149,367
Federal Home Loan Ba	UBOC	150,000	1.920	07/25/2019	147,080	07/24/2020	84	1.980	149,958	313384ZU6	26845	149,328
Fund Total and Average		\$ 2,332,238	3.238		\$ 2,439,464		44	1.553	\$ 2,339,210			\$ 2,335,933

LEC Issue #2 2010B DSR BABS

US Bank Trust	USB	1,010	0.600	07/01/2013	1,010		1	0.600	1,010	SYS79013	79013	1,010
U.S. Treasury	USBT	755,000	1.453	01/31/2020	749,484	07/30/2020	90	1.484	754,819	912796WY1	26944	752,257
Federal Home Loan Mt	USBT	380,000	1.650	01/31/2020	380,190	07/28/2023	1,183	1.635	382,785	3134GU6D7	26945	380,176
Fund Total and Average		\$ 1,136,010	1.518		\$ 1,130,684		457	1.534	\$ 1,138,614			\$ 1,133,443
GRAND TOTALS:		\$ 12,522,191	1.523		\$ 12,882,649		326	1.099	\$ 12,695,055			\$ 12,547,634

*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 04/30/2020
Investment #26945 FHLMC Callable on 1/28/2021 only

Northern California Power Agency
Treasurer's Report
04/30/2020



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
Local Agency Investm		1,537,656	2.020	07/01/2013	1,537,656		1	2.020	1,537,656	SYS70047	70047	1,537,656
Union Bank of Calif	UBOC	729,636	0.002	07/18/2013	729,636		1	0.002	729,636	SYS70041	70041	729,636
Federal Home Loan Ba	UBOC	3,614,966	1.540	06/30/2017	3,613,952	06/05/2020	35	1.550	3,619,013	3130ABJ00	26440	3,614,966
Federal National Mtg	UBOC	3,000,000	1.300	06/30/2016	3,000,000	06/30/2020	60	1.300	3,004,200	3136G3UJ2	26341	3,000,000
Federal Farm Credit	UBOC	500,000	1.500	10/15/2019	499,335	04/15/2021	349	1.590	505,425	3133EKY83	26892	499,576
Toyota Motor Credit	UBOC	495,000	1.800	02/03/2020	496,995	10/07/2021	524	1.555	498,559	89236TGJ8	26953	496,704
Memphis Center City	UBOC	500,000	5.530	04/27/2020	533,880	11/01/2021	549	1.000	532,160	58607ECD4	26986	533,631
US Bank, N.A.	UBOC	595,000	2.650	05/31/2019	598,290	05/23/2022	752	2.456	612,600	90331HPC1	26822	597,277
Caterpillar Financia	UBOC	465,000	3.250	02/03/2020	496,569	12/01/2024	1,675	1.776	505,325	14912L6G1	26952	494,970
Fund Total and Average		\$ 11,437,292	1.770		\$ 11,506,313		201	1.483	\$ 11,544,574			\$ 11,504,416
GRAND TOTALS:		\$ 11,437,292	1.770		\$ 11,506,313		201	1.483	\$ 11,544,574.			\$ 11,504,416

*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 04/30/2020
Investment #26822 USB Callable on and anytime after 4/22/2022



Northern California Power Agency
Treasurer's Report
04/30/2020

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
Local Agency Investm		106,322	2.020	07/01/2013	106,322		1	2.020	106,322	SYS70046	70046	106,322
Fund Total and Average		\$ 106,322	2.020		\$ 106,322		1	2.020	\$ 106,322			\$ 106,322
GRAND TOTALS:		\$ 106,322	2.020		\$ 106,322		1	2.020	\$ 106,322			\$ 106,322

*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 04/30/2020



Lodi Energy Center Project Participant Committee

LEC Financial Reports

AGENDA ITEM NO.: 9

Date: June 8, 2020

To: Lodi Energy Center Project Participant Committee

Subject: April 30, 2020 Financial Reports (Unaudited)

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

		April	
		2020	2019
ASSETS			
CURRENT ASSETS			
Cash and cash equivalents	\$	106,322	\$ 74,169
Interest receivable		288	36
Inventory and supplies - at average cost		2,202,633	2,110,854
Prepaid insurance		485,295	339,984
Due from (to) Agency, net		19,951,102	12,295,476
TOTAL CURRENT ASSETS		22,745,640	14,820,519
RESTRICTED ASSETS			
Cash and cash equivalents		13,283,214	7,411,252
Investments		27,529,177	31,902,209
Interest receivable		131,427	139,014
TOTAL RESTRICTED ASSETS		40,943,818	39,452,475
ELECTRIC PLANT			
Electric plant in service		424,607,618	423,846,087
Less: accumulated depreciation		(108,363,928)	(93,734,207)
		316,243,690	330,111,880
Construction work-in-progress		182,398	182,398
TOTAL ELECTRIC PLANT		316,426,088	330,294,278
OTHER ASSETS			
Regulatory assets		25,695,283	25,168,525
TOTAL OTHER ASSETS		25,695,283	25,168,525
TOTAL ASSETS		405,810,829	409,735,797
DEFERRED OUTFLOWS OF RESOURCES			
Unamortized excess cost on advance refunding of debt, net		1,559,876	1,873,709
Asset retirement obligations		182,006	173,690
TOTAL DEFERRED OUTFLOWS OF RESOURCES		1,741,882	2,047,399
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	\$	407,552,711	\$ 411,783,196

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

	April	
	2020	2019
LIABILITIES & NET POSITION		
CURRENT LIABILITIES		
Accounts and retentions payable	\$ 8,441,824	\$ 40,035
Operating reserves	15,683,109	13,558,988
Current portion of long-term debt	12,040,000	11,480,000
Accrued interest payable	5,815,993	6,057,854
TOTAL CURRENT LIABILITIES	41,980,926	31,136,877
NON-CURRENT LIABILITIES		
Operating reserves and other deposits	1,189,190	1,157,123
Asset retirement obligations	182,006	173,690
Long-term debt, net	319,050,000	331,107,178
TOTAL NON-CURRENT LIABILITIES	320,421,196	332,437,991
TOTAL LIABILITIES	362,402,122	363,574,868
DEFERRED INFLOWS OF RESOURCES		
Regulatory credits	38,055,147	39,599,518
NET POSITION		
Invested in capital assets, net of related debt	(22,386,473)	(22,299,431)
Restricted	22,580,191	23,522,898
Unrestricted	6,901,724	7,385,343
TOTAL NET POSITION	7,095,442	8,608,810
TOTAL LIABILITIES AND NET POSITION	\$ 407,552,711	\$ 411,783,196

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

	Ten Months Ended April	
	2020	2019
SALES FOR RESALE		
Participants	\$ 23,032,314	\$ 10,355,548
Other	35,767,621	77,073,567
TOTAL SALES FOR RESALE	58,799,935	87,429,115
OPERATING EXPENSES		
Operations	28,630,858	52,978,619
Depreciation	12,193,467	12,180,690
Purchased power	1,382,307	4,362,151
Maintenance	25,079,345	3,714,458
Administrative and general	3,931,627	4,037,957
Transmission	1,335,256	739,175
Intercompany (sales) purchases	299,312	248,305
TOTAL OPERATING EXPENSES	72,852,172	78,261,355
NET OPERATING REVENUES	(14,052,237)	9,167,760
OTHER REVENUES (EXPENSES)		
Interest expense	(11,908,202)	(12,298,343)
Interest income	789,149	1,236,101
Amortization	-	-
Insurance reimbursements	21,419,980	-
Other	3,073,089	4,167,980
TOTAL OTHER REVENUES (EXPENSES)	13,374,016	(6,894,262)
FUTURE RECOVERABLE AMOUNTS	1,017,704	1,387,563
REFUNDS TO PARTICIPANTS	(745,750)	1,704,216
INCREASE IN NET POSITION	(406,267)	5,365,277
NET POSITION		
Beginning of year	7,501,709	3,243,533
End of period	\$ 7,095,442	\$ 8,608,810

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**Lodi Energy Center
FY 2020 Operating Costs
As of April 30, 2020**

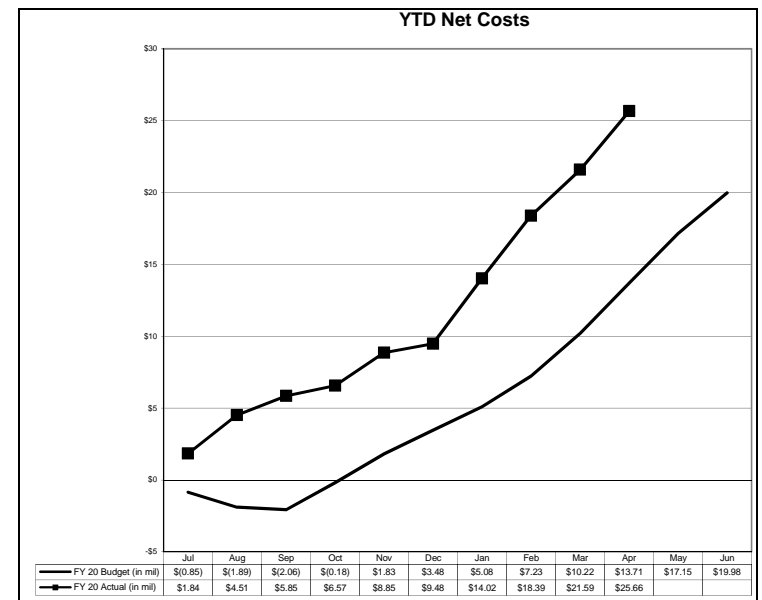
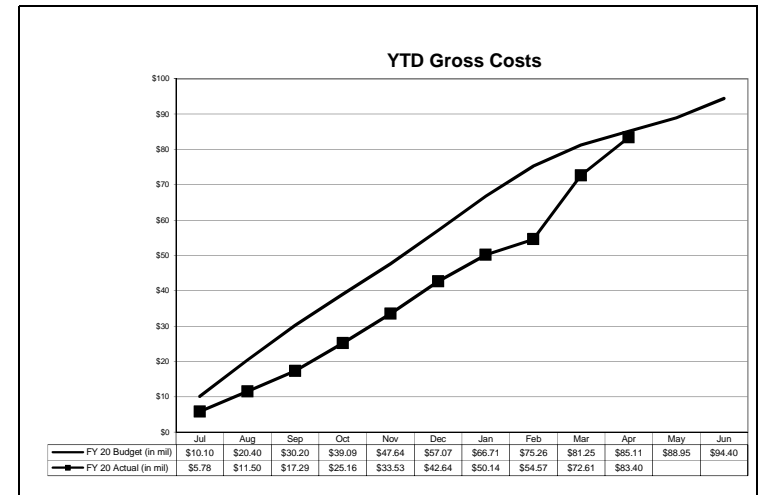
	Annual Budget	Actual	Remaining	YTD % Remaining	Notes
Routine O&M Costs					
Variable	\$ 5,381,629	\$ 2,756,244	\$ 2,625,385	49%	A
Fixed	2,646,090	2,993,703	(347,613)	0%	
Administration	209,845	103,644	106,201	51%	
Mandatory Costs	304,750	379,912	(75,162)	0%	B
Routine O&M Costs without Labor	8,542,314	6,233,503	2,308,811	27%	
Labor	5,558,310	4,428,363	1,129,947	20%	
Total Routine O&M Cost	14,100,624	10,661,866	3,438,758	24%	
Other Costs					
Fuel	39,513,147	20,668,123	18,845,024	48%	F
GHG Allowance Costs	-	35,740	(35,740)	0%	
CA ISO Charges	883,969	1,335,256	(451,287)	0%	
CA ISO Purchased Energy	3,826,263	1,382,307	2,443,956	64%	C
Debt Service	26,054,428	21,712,023	4,342,405	17%	
Insurance	674,648	770,496	(95,848)	0%	
Other Costs	128,792	168,918	(40,126)	0%	D
Generation Services Shared	339,783	297,139	42,644	13%	E
Administrative & General (Allocated)	2,105,792	1,594,962	510,830	24%	
Power Management Allocated Costs	1,439,156	1,199,297	239,859	17%	
Total O&M Cost	89,066,602	59,826,127	29,240,475	33%	
Projects					
Operations & Maintenance	920,683	21,574,572	(20,653,889)	0%	G
Capital	2,915,858	754,581	2,161,277	74%	
Maintenance Reserve	1,496,174	1,246,812	249,362	17%	
Total Projects	5,332,715	23,575,965	(18,243,250)	0%	
Annual Cost	94,399,317	83,402,092	10,997,225	12%	
Less: Third Party Revenue					
Interest Income	385,845	552,499	(166,654)	0%	H
ISO Energy Sales	72,602,551	34,574,462	38,028,089	52%	
Ancillary Services Sales	1,432,533	1,193,159	239,374	17%	
Insurance Receipts	-	21,419,980	(21,419,980)	0%	
Other Income	-	1,577	(1,577)	0%	
	74,420,929	57,741,677	16,679,252	22%	
Net Annual Cost to Participants	\$ 19,978,388	\$ 25,660,415	\$ (5,682,027)	0%	

Total Variable Costs	49,605,008	26,141,930	23,463,078
Total Fixed Costs	44,794,309	57,260,162	(12,465,853)
	\$ 94,399,317	\$ 83,402,092	\$ 10,997,225

Net Cumulative Generation (MWh)	1,599,464	828,613
Total O&M Cost Per MWh	\$ 55.69	\$ 72.20
Net Annual Cost Per MWh	\$ 12.49	\$ 30.97

Footnotes:

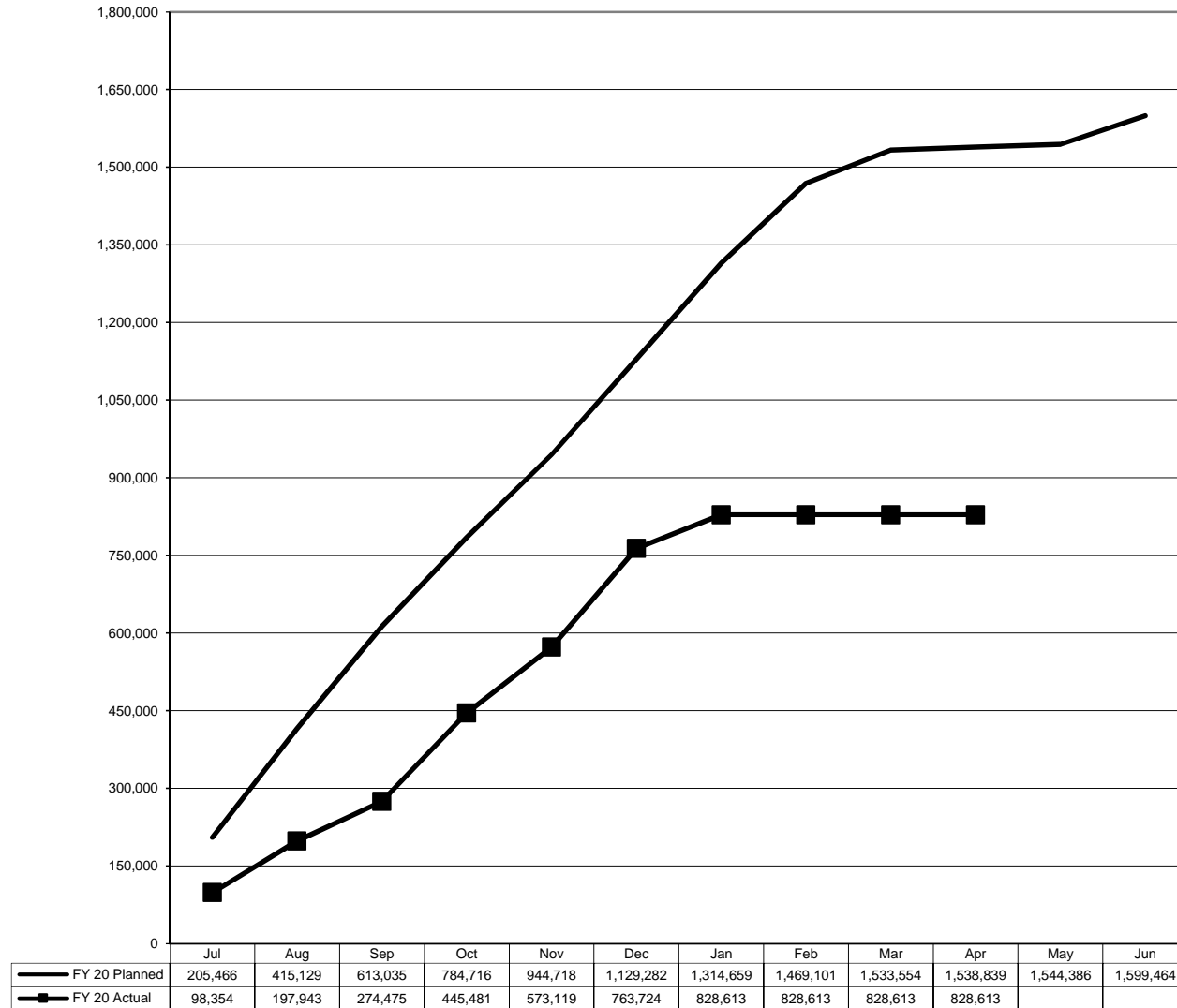
- A - Higher costs resulting from additional maintenance costs for annual outage.
- B - Higher costs due to additional mandatory acid cleaning of injection well.
- C - Insurance paid annually and higher costs due to higher risk factor affecting insurance market.
- D - Higher costs due to expenditure for CAISO Model Implementation that was not budgeted.
- E - Higher costs due to annual membership dues payment in December, costs expected to level out for remainder of the year.
- F - PWRPA's costs to purchase GHG Allowance credits to meet their share of LEC obligations. This item was not budgeted in the current year.
- G - Amount includes unanticipated project costs due to turbine failure.
- H - Amount received from insurance for turbine failure.



Annual Budget LEC Generation Analysis Planned vs. Actual FY 2020

In MWh

Lodi Energy Center





Lodi Energy Center Project Participant Committee

LEC GHG Reports

AGENDA ITEM NO.: 10

Date: June 8, 2020

To: Lodi Energy Center Project Participant Committee

Subject: GHG Reports (excerpted from monthly ARB)

NCPA All Resources Bill Imports GHG Obligation Report (Cumulative)														
June 2020														
IDENTIFIER	AZU L&P	BART	Biggs	CDWR	Gridley	Healdsburg	Lodi	Lompoc	MID	Plumas	PWR	SVP	Ukiah	Total
Allocation Percentages														
Generation Entitlement Share(%)	2.79%	6.60%	0.27%	33.50%	1.96%	1.64%	9.50%	2.04%	10.71%	0.79%	2.67%	25.75%	1.79%	100.00%
Obligation Accounts														
Current MT Compliance Obligation (MTO) Balance (MT)	23,996	56,857	2,310	288,583	16,918	14,155	81,708	17,505	92,294	6,770	22,982	221,824	15,379	861,281
Current MT Compliance Instrument Account (MTA) Balance (MT)	25,625	61,009	2,829	371,688	18,308	15,489	88,493	18,690	120,162	7,752	24,607	271,685	16,644	1,042,981
MTA Shortfall (MT)	(1,629)	(4,152)	(519)	(83,105)	(1,390)	(1,334)	(6,785)	(1,185)	(27,868)	(982)	(1,625)	(49,861)	(1,265)	(181,700)
Monthly GHG Price \$/MT	16.43	16.43	16.43	16.43	16.43	16.43	16.43	16.43	16.43	16.43	16.43	16.43	16.43	16.43
GHG Minimum Cash Compliance Obligation (\$)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Current Month CCA Balance (\$)*	65,708	0	154	0	1,188	5,150	835	0	0	0	30,429	0	2,857	106,321
Net GHG Obligation (\$)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* The Current Month CCA Balance (\$) consists of the current cash balance plus any outstanding balance of Net GHG Obligation (\$) billed but not yet received.

	CY 2020 NCPA All Resources Bill LEC GHG Compliance Instrument Detail Report for Lodi Energy Center													
	Actual				Estimated								CY 2020	Cumulative
IDENTIFIER	January	February	March	April	May	June	July	August	September	October	November	December	Total	Total
Energy (MWh)	64,890	0	0	0	0	0	0	0	0	0	0	0	64,890	7,961,718
Gas Schedule (MMBtu)	466,226	7	6	2	0	0	0	0	0	0	0	0	466,241	57,934,611
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	4,695
Monthly MT Obligation (MTO)	25,160	0	0	0	0	0	0	0	0	0	0	0	25,160	3,132,108
Annual Cal e-GGRT/MT Obligation True Up (MTO)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cumulative MT Obligation (MTO)	860,187	860,187	860,187	860,187	860,187	860,187	860,187	860,187	860,187	860,187	860,187	860,187	860,187	860,187
Compliance Instrument Participant Transfers														
Carryover Allowances	0	0	0	0	0	0	0	0	0	0	0	0	0	32,263
Auction Allowances	0	0	0	2,000	0	0	0	0	0	0	0	0	2,000	3,220,244
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)	0	0	0	2,000	0	0	0	0	0	0	0	0	2,000	3,252,507
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	2,267,985
Total Monthly Activity (MT)	0	0	0	2,000	0	0	0	0	0	0	0	0	2,000	3,298,829
Cumulative MT Account Balance (MTA)	1,029,522	1,029,522	1,029,522	1,031,522	1,031,522	1,031,522	1,031,522	1,031,522	1,031,522	1,031,522	1,031,522	1,031,522	1,031,522	1,031,522
MTA Shortfall (MT)	(169,335)	(169,335)	(169,335)	(171,335)	(171,335)	(171,335)	(171,335)	(171,335)	(171,335)	(171,335)	(171,335)	(171,335)	(171,335)	(171,335)
Current Month CCA Balance (\$)	0	0	0	0	0	106,322	0	0	0	0	0	0	0	106,322
Monthly GHG Price	17.68	17.87	14.81	16.02	16.40	16.43	16.46	16.49	16.51	16.54	16.57	16.59		



Lodi Energy Center Project Participant Committee

Staff Report

AGENDA ITEM NO.: 11

Date: June 4, 2020

Meeting Date: June 8, 2020

To: Lodi Energy Center Project Participant Committee

Subject: Univar Solutions, Inc. – Five Year Multi-Task Agreement For Purchase of Equipment, Materials and Supplies; Applicable to the following projects: All NCPA Facilities.

Proposal

Approve the General Manager or his designee to enter into a First Amendment to the Five Year Multi-Task Agreement for Purchase of Equipment, Materials and Supplies with Univar USA, Inc. with any non-substantial changes recommended and approved by the NCPA General Counsel, to change the vendor name in the Agreement to Univar Solutions, Inc., which shall not exceed \$1,500,000 over five years for continued use at all facilities owned and/or operated by NCPA.

Background

Purchase of various chemicals, including those required to operate the plant facilities, are required at NCPA from time to time.

On June 21, 2018, NCPA entered into a Five Year Multi-Task Agreement for Purchase of Equipment, Materials and Supplies for purchase of various chemicals with Univar USA, Inc. On August 22, 2019, Univar USA, Inc. notified NCPA of their intention to change their name to Univar Solutions, Inc. This amendment does not change any of the other terms or conditions of the agreement.

Selection Process

This enabling agreement does not commit NCPA to any expenditure of funds. At the time services are required, NCPA will bid the specific scope of work consistent with NCPA procurement policies and procedures. NCPA currently has similar agreement in place with The Dow Chemical Company, CellMark USA, Inc, SUEZ WTS USA, Inc., and Brenntag Pacific, Inc. and seeks bids from multiple qualified providers whenever services are needed. Bids are awarded to the lowest cost provider. NCPA will issue purchase orders based on cost and availability of the chemicals needed at the time the chemicals are required.

Fiscal Impact

Upon execution, the total cost of the Agreement remain not to exceed \$1,500,000 over five years, to be used out of NCPA approved annual operating budgets as materials are rendered. 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:

JOEL LEDESMA
Assistant General Manager
Generation Services

Attachments: (2)

- Multi-Task Agreement For Purchase Of Chemicals
- First Amendment to Multi-Task Agreement For Purchase Of Chemicals with Univar USA, Inc.



**MULTI-TASK
AGREEMENT FOR PURCHASE OF
CHEMICALS
BETWEEN
THE NORTHERN CALIFORNIA POWER AGENCY AND
UNIVAR USA INC.**

This Agreement for Purchase of Chemicals ("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 Univar USA Inc., ("Supplier"), whose principal office is located at 3075 Highland Parkway, #200, Downers Grove, IL 60515 (together sometimes referred to as the "Parties") as of June 21, 2018 (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 and risk of loss shall not pass until the Agency accepts delivery at this Site. 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 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 Agency or, as requested by the Agency and consistent with the terms of this Agreement 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. Either party may terminate this Agreement at any time upon 60 days' prior written notice.

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 ONE MILLION FIVE HUNDRED THOUSAND DOLLARS (\$1,500,000) 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. Amounts owing to or payable by either party under this Agreement shall be deemed finally reconciled on the first anniversary of the final delivery under this Agreement and any outstanding rights of either party to receive overpayments or under payments including rights to unclaimed credits or refunds shall expire on such date.. 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.

6.6 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. Supplier warrants that all Goods meet Supplier's specifications at the time of delivery; comply with applicable federal, state and local laws and regulations; are new, of good quality and workmanship, and are not subject to any liens or encumbrances. SUPPLIER MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

If the Goods provided by Supplier under this Agreement fail to meet Supplier's warranty, Supplier shall, upon any reasonable written notice from Agency, replace or repair the same to Agency's satisfaction. Any claim for shortage or non-conforming Products must be made in writing to Seller within 30 days after Buyer's receipt of the Product. Any claim for non-delivery of Product must be made within 30 days after the date upon which the Product was to be delivered.

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 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.

Supplier's liability is exclusively limited to the purchase price of the Goods or the applicable insurance limits, whichever is greater, that are the subject of Agency's claim. Neither party is liable for consequential, special or incidental damages.

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 if the spill or release occurs prior to Agency's acceptance of the Goods. 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 Ken Speer, Assistant General Manager, 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:

Univar USA Inc.
Attn: Craig Colbert
2256 Junction Ave.
San Jose, CA 95131-1216

With a copy to:

Univar USA, Inc.
Attn: Legal & Corporate Affairs
17411 NE Union Hill Road
Redmond, WA 98052

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:

General Counsel
Northern California Power Agency
651 Commerce Drive
Roseville, CA 95678

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

Date: 6/21/18
Randy S. Howard
RANDY S. HOWARD, General Manager

UNIVAR USA INC.

Date: 5-30-18
Sara Stewart
SARA STEWART, General Manager

Attest:

[Signature]
Assistant Secretary of the Commission

Approved as to Form:

[Signature]
Jane Luckhardt, General Counsel



EXHIBIT A

PURCHASE LIST

As requested by Agency, Supplier shall provide the following listed Goods, but not limited to the following, as requested by Agency at any one of its facility locations:

Chemical
Peroxide
Caustic Soda 15%
Soda Ash Dense
Lime 90%
Mag Ox 36%
Sulfuric Acid 93%
Sodium Hypochlorite 12.5% (Bleach)
Magnesium Sulfate 30%
Sodium Bisulfite 12% (Nalco PC?408)
Phosphoric Acid 70% (Nalco PC 185)
Aqua Ammonia
Sodium Hydroxide 15%
Additional products not listed above to be provided as requested in writing by NCPA facilities.

Additional products not listed above to be provided as requested in writing by NCPA facilities.

Supplier's deliveries shall be made by a vehicle suitable constructed to contain chemicals meeting Agency's product specifications. All delivery vehicles shall be labeled and constructed to meet all requirements of the California State Highway Patrol, the Interstate Commerce Commission and any jurisdictions having control over said delivery truck operations.

NCPA acknowledges that Supplier's chemical pricing may be subject to change. Pricing for goods shall be quoted by Supplier at the time the product is requested. Total compensation for all tasks, including all chemicals delivered under this Agreement, shall not exceed the amount as set forth in Section 5 (Compensation) of this Agreement.

EXHIBIT B

CERTIFICATION

Affidavit of Compliance for Suppliers

I, Sara Stewart, General Manager

(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 Univar

(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 30th day of May, 2018.

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, Sara Stewart, General Manager,

(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,

Univar

(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]
(Signature of officer or agent)

Dated this 30th day of May, 2018

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.



**FIRST AMENDMENT TO MULTI-TASK AGREEMENT FOR PURCHASE OF CHEMICALS
BETWEEN THE NORTHERN CALIFORNIA POWER AGENCY AND UNIVAR USA, INC.
CHANGING NAME TO UNIVAR SOLUTIONS, INC.**

This First Amendment ("Amendment") to the Multi-Task Agreement for Purchase of Chemicals is entered into by and between the Northern California Power Agency ("Agency") and Univar Solutions, Inc., ("Supplier") (collectively referred to as "the Parties") as of _____, 2020.

WHEREAS, the Parties entered into a Multi-Task Agreement for Purchase of Chemicals dated effective June 21, 2018, (the "Agreement") for Supplier to provide various chemicals for the Agency; and

WHEREAS, effective September 1, 2019, Univar USA, Inc. changed its name to Univar Solutions, Inc. and the Agency desires to amend the Agreement to reflect the change of Supplier's name to Univar Solutions, Inc. ; and

WHEREAS, the Agency now desires to amend Section 9.14 entitled "Notices" of the Agreement to reflect change of the Supplier's name; and

WHEREAS, the Parties have agreed to modify the Agreement as set forth above; and

WHEREAS, in accordance with Section 9.20 all changes to the Agreement must be in writing and signed by all the Parties; and

WHEREAS, Univar Solutions, Inc. consents to the amendment;

NOW, THEREFORE, the Parties agree as follows:

1. As of the Amendment Effective Date, the preamble to the Agreement is replace in its entirety as follow:

"This Agreement for Purchase of Chemicals ("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 Univar Solutions, Inc., ("Supplier"), whose principal office is located at 3075 Highland Parkway, #200, Downers Grove, IL 60515 (together sometimes referred to as the "Parties") as of June 21, 2018 ("Effective Date") in Roseville, California."

2. As of the Amendment Effective Date, Section 9.14 Notices is replaced in its entirety as follows:

9.14 Notices. Any written notice to Supplier shall be sent to:

Univar Solutions, Inc.
Attn: Craig Colbert
2256 Junction Ave.
San Jose, CA 95131-1216

With a copy to:

Univar Solutions, Inc.
Attn: Legal & Corporate Affairs
17411 NE Union Hill road
Redmond, WA 98052

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:

General Counsel
Northern California Power Agency
651 Commerce Drive
Roseville, CA 95678

3. Agency hereby approves the name change of the Agreement from Univar USA, Inc. to Univar Solutions, Inc., Supplier.
4. This Amendment in no way alters the terms and conditions of the Agreement except as specifically set forth herein.

Date: _____

NORTHERN CALIFORNIA POWER AGENCY

RANDY S. HOWARD, General Manager

Date: _____

UNIVAR SOLUTIONS, INC.

SARA STEWART, General Manager

Attest:

Assistant Secretary of the Commission

Approved as to Form:

Jane E. Luckhardt, General Counsel



Lodi Energy Center Project Participant Committee Staff Report

AGENDA ITEM NO.: 12

Date: June 8, 2020
To: Lodi Energy Center Project Participant Committee
Subject: Revision to Exhibit 5 of PMOA Agreement Schedule 1.00

Proposal

Adopt revision of PMOA Exhibit 5 of Schedule 1.00 for revised mid-year 2020 CAISO Grid Management Charge (GMC) rates related to the Market Services Charge and System Operations Charge.

Background

The CAISO recovers its cost through unbundled grid management charges (GMC) composed of three volumetric charges and five associated fees and charges assessed to market participants. Each unbundled service has a corresponding service rate. With respect to the LEC Project, two of the CAISO's volumetric grid management rates, the Market Services Charge and System Operations Charge categories, are used as inputs into the Economic Operations bid calculation defined in Agreement Schedule 1.00 to the LEC PMOA (Project Management and Operations Agreement).

The CAISO issued a market notice on May 19, 2020 indicating that, due to reduced energy consumption as a result of the COVID-19 pandemic, its forecasted GMC revenue requirement was under-collected for calendar year 2020 and below its defined threshold tolerance limit. As authorized by the CAISO Tariff, the CAISO will adjust GMC rates to better align forecasted actual GMC revenues to budgeted revenues in order to alleviate current and future under-collections. The revised GMC rates are effective trade date June 1, 2020 as indicated in the table below.

Charge Code	CAISO GMC Charge Code Name	Current 2020 Rate	Adjusted 2020 Rate	Difference	Unit of Measure
4560	GMC - Market Services Charge	\$0.0994	\$0.1044	\$0.005	Awarded Schedules (MWh)
4561	GMC - System Operations Charge	\$0.2788	\$0.2938	\$0.015	Metered Energy (MWh)
		\$0.3782	\$0.3982	\$0.02	

The market services charge is assessed to the LEC Project based on awarded CAISO energy and ancillary service schedules while the system operations charge is based on metered generation quantities. NCPA includes these GMC rates into the Economic Operations bid

calculation indicated in Agreement Schedule 1.00 under the defined term 'CAISO GMC' in order to internalize these costs in the awarded energy bid amount.

Fiscal Impact

There is no fiscal impact on an overall basis to Participants as these costs will be included in the Economic Operations bid calculation in order to achieve economic awards.

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 pass a motion authorizing adopting the revised PMOA Exhibit 5 of Schedule 1.00 for the revised 2020 CAISO Grid Management Charge (GMC) rates.

Submitted by:



ROBERT W. CARACRISTI

Manager,
Information Services and Power Settlements

Attachments: (1)

- PMOA Agreement Exhibit 5 of Schedule 1.00

EXHIBIT 5

CAISO Charges

The CAISO Charges component used to determine Economic Operations is calculated as shown in the table below:

Market Charge Code	CAISO Charge Code Name	Rate	Unit of Measure
4560	GMC - Market Services Charge	\$ 0.1044	per MWh
4561	GMC - System Operations Charge	\$ 0.2938	per MWh
Total GMC Amount		<u>\$ 0.3982</u>	per MWh