



CALIFORNIA HUB FOR
ENERGY EFFICIENCY
FINANCING

**Quarterly Report and
Program Status Summary**

October 1, 2017 – December 31, 2017

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Section 1: Introduction

California Alternative Energy and Advanced Transportation Financing Authority (CAEATFA) is working with the California Public Utilities Commission (CPUC), investor-owned utilities (IOUs),¹ the Center for Sustainable Energy (CSE) and financial institutions throughout California to develop a series of pilot programs that expand access to financing for consumers to undertaking energy efficiency retrofits. The pilot programs are designed to enable consumers to undertake deeper and broader energy efficiency projects than previously achieved through traditional programs, and will assist in removing the upfront cost barrier of financing for consumers to promote the State's broader energy efficiency goals.

In September 2013, the CPUC approved Decision 13-09-044 ("D.13-09-044"), authorizing two-year pilot programs to be supported by up to \$66 million of IOU ratepayer funds serving four market segments. Only the first three of the four markets listed below provide credit enhancements to lenders:

- single-family, with one-third of funds reserved for low-to-moderate income households;
- multi-family, affordable housing with master meters;
- small businesses;
- On-Bill Repayment (OBR) of financing by non-residential energy users, without credit enhancement.

The pilot programs were established with a myriad of goals, all of which are intended to support the State's broader energy efficiency and environmental policy goals using an innovative approach. Primarily, the pilots are designed to:

- provide credit enhancements to lenders, thereby mitigating risk for lenders who are then able to provide lower interest rates and better terms to consumers;
- broaden the availability of financing to individuals who might not have been able to access it otherwise; and
- address upfront cost barriers to energy efficiency retrofit projects.

This report is responsive to D.13-09-044, Ordering Paragraph 21, which directs CAEATFA in conjunction with the IOUs to issue quarterly reports throughout the pilot period, by pilot program and on CHEEF operational expenses. The reports keep the CPUC and interested stakeholders apprised of:

- implementation progress, opportunities and challenges;
- platform and space within which CHEEF functions take place;
- accounts and account managers, database permission criteria, and platforms associated with the CHEEF;

¹ The IOUs consist of Pacific Gas & Electric (PG&E), San Diego Gas and Electric Company (SDG&E), Southern California Edison (SCE), and Southern California Gas Company (SoCal Gas).

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- customer facing products (websites, informational charts), as appropriate under CAEATFA's limited authority and responsibility over consumer marketing; and
- pilot program performance and certain aggregate profile information about participating lenders, borrowers, and projects.

Appendix A of this report includes information on each of the above-listed data points that are required pursuant to D.13-09-044.

Section 2: Quarterly Summary

Below is a broad summary of activities during Q4 2017, which are described in more detail later in the document.

Budget and Administration

- CAEATFA management continued to engage in the budgetary process to obtain legislative approval to extend budgetary reimbursement and expenditure authority beyond fiscal year 2017-2018 (June 30, 2018)
- CAEATFA management continued its recruitment and hiring for all remaining CHEEF positions, including both new and existing positions that transitioned from limited term to permanent as a result of the CPUC's commitment of long-term funding. During this period, CAEATFA continued to experience a higher-than-expected staffing vacancy rate. CAEATFA is projecting to be fully staffed with its twelve authorized positions by Q1 2018.
- CAEATFA's Requests for Proposals (RFPs) for master servicer and trustee services under the CHEEF went out for solicitation through a competitive process. Concord Servicing was awarded a two-year contract to perform as master servicer and US Bank was awarded a two-year contract to perform as trustee. Each contract has the option for an additional one-year extension.

Residential Energy Efficiency Loan (REEL) Assistance Program

- Staff continued to research and design some of the more complex program modifications to REEL in response to the March 29, 2017, CPUC Decision 17-03-026 which granted the Authority additional flexibility from previous guidance documents and requirements. CAEATFA anticipates providing proposed modification to the public for input in Q1 2018, which will ultimately be incorporated into the current emergency rulemaking process for REEL. The contract for a Contractor Manager was approved by the Department of General Services on October 24, 2017, and staff began on-boarding procedures with Frontier Energy.
- The Program continues to experience increasing loan volume facilitated by the continued efforts of CAEATFA, IOU's and CSE's marketing of REEL, collaboration with local governments and community based organizations, and the IOUs integration of REEL in other programs targeting contractors within their territories.
- As of December 31, 2017, 279 contractors were trained and 174 contractors enrolled in the program.

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- During Q4 2017, 38 projects were completed with a total loan amount of \$632,715, bringing the overall Program total to 108 projects and approximately \$1.8 million dollars in loans leveraged.
- REEL marketing efforts shifted to a more consumer-centric approach. The marketing implementer, CSE, concluded its summer marketing campaign which targeted consumers through paid, shared, and owned media strategies. The IOUs, specifically SCE/SCG, completed a round of consumer marketing targeting utility customers it felt most qualified for REEL.
- Continued lender recruitment.

Small Business Pilot

- Staff resources were available to continue to conduct research and outreach to further develop a proposed program structure for the Small Business pilot, with a target to develop an initial draft proposal for public input at a workshop to be scheduled in Q1 2018.

Affordable Multifamily Pilot

- Staff, along with substantial assistance from Harcourt Brown & Carey, continued its research and outreach on initial, proposed program design which was presented at CAEATFA's first multifamily financing workshop and webinar held on November 7th at PG&E's Pacific Energy Center in San Francisco. Twenty-one stakeholders were in attendance with another forty-two registered attendees via webinar.

On-Bill Repayment (OBR) Functionality

- Staff and Concord continued to work on the design of the lender-master servicer OBR interaction.
- Concord and Harcourt Brown & Carey continued to work on the design for secure cash flow functionality under OBR.

Section 3: Budget and Staffing Authorization

D.13-09-044 directs the IOUs to allocate a total of \$75.2 million to finance the pilots over the initial pilot period. Table 1 provides an itemized breakdown of these allocations, current expenditures and remaining balance. As of December 31, 2017, CAEATFA expended \$4,737,462² of the \$15.36 million allocated for CHEEF Administration, Direct Implementation, and Marketing, Education, and Outreach.

Concurrently, in the 2017 Budget Act, the Legislature approved CAEATFA's reimbursement and expenditure authority through FY 2017-2018. CAEATFA submitted a budget request to extend authority through FY 2019-2020.

² This figure does not include the amount listed as credit enhancements presented in the budget table below.

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Table 1 – Budget Table for CHEEF Expenditures (September 2014 through December 31, 2017)³

Item	Allocated	Expended/ Encumbered ⁴	Balance
CHEEF Administration			
Includes Start-Up costs, CHEEF administrative, direct implementation, and contracting costs ⁵	\$ 13,360,000	\$ 4,255,712	\$ 9,104,288
Subtotal CHEEF Start-Up Costs	\$ 13,360,000	\$ 4,255,712	\$ 9,104,288
Marketing, Education, Outreach (MEO)			
Statewide MEO plan	\$ 8,000,000	(TBD)	\$ 8,000,000
CAEATFA outreach and training to financial institutions and Contractors	\$ 2,000,000	\$ 481,750	\$,1518,250
Subtotal Marketing, Education, and Outreach	\$ 10,000,000	\$ 481,750	\$ 9,518,250
Residential pilots			
Residential Energy Efficiency Loan (REEL) Credit Enhancement Funds	\$ 25,000,000	\$ 218,112	\$ 24,781,888
Energy Financing Line Item Charge (Funding to PG&E)	\$ 1,000,000	(TBD)	\$ 1,000,000
Multi-Family	\$ 2,900,000	-	\$ 2,900,000
Subtotal Residential Pilots	\$ 28,900,000	\$ 218,112	\$ 28,681,888
Non-Residential Pilots			
Small business sector OBR with credit enhancement	\$ 14,000,000	-	\$ 14,000,000
Other Non-Credit Enhancement funds	-	-	-
Subtotal Non-Residential Pilots	\$ 14,000,000	-	\$ 14,000,000
Information Technology (IT)			
IT Funding to IOUs ⁶	\$ 8,000,000	(TBD)	\$ 8,000,000
Subtotal IT Funding to IOUs	\$ 8,000,000	(TBD)	\$ 8,000,000
CHEEF Pilot Reserve			
CHEEF Pilot Reserve ⁷	\$ 984,931	-	\$ 984,931
Subtotal CHEEF Pilot Reserve	\$ 984,931	-	\$ 984,931
GRAND TOTAL	\$ 75,244,931	\$ 4,955,574	\$ 70,289,357

***Note:** Quarterly expenditures are based on good faith estimates due to a lag in invoice submittals.

³ This table is not a comprehensive representation of the budget. It does not reflect CSE's expenditures related to ME&O, the IOUs expenditures and additional allocations for IT and administration, or other non-CHEEF costs.

⁴ Encumbered refers to the credit enhancement funds reserved for enrolled loans under the Residential Energy Efficiency Loan (REEL) Loan Loss Reserve (LLR).

⁵ Amount of funds allocated to this section includes the additional \$8.36 million that was approved by CPUC Rulemaking 13-11-005: Joint Ruling of Assigned Commissioner and Administrative Law Judge on Financing Pilots and Associated Marketing, Education and Outreach Activities issued November 22, 2016.

⁶ IT funding to IOUs reports only the initial allocation and does not reflect current IOU expenditures.

⁷ This amount reflects the remaining balance after the release of funds that was approved by CPUC Rulemaking 13-11-005: Joint Ruling of Assigned Commissioner and Administrative Law Judge on Financing Pilots and Associated Marketing, Education and Outreach Activities issued November 22, 2016.

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Section 4: CHEEF Infrastructure

This Section complies with the direction from the CPUC to provide updates on the “the platform and space within which CHEEF functions take place.” CAEATFA is creating a streamlined, statewide platform for lenders and contractors to participate in the uptake of energy efficiency projects through increased access to financing. As the manager of the CHEEF, CAEATFA is developing uniform program requirements, standardized documentation and processes, and a central administrative entity to facilitate investment in energy efficiency projects and implementation of the pilot programs.

Key infrastructure elements needed to implement the CHEEF include a Master Servicer, Trustee Bank, Secure Flow of Funds functionality, Contractor Manager, Data Manager, and Technical Advisors. Below are descriptions of each of these roles and information regarding their current status as it relates to CAEATFA’s procurement processes.

Master Servicer. The Master Servicer (MS) plays a key role in the daily administration of the program(s), accepting lender and loan enrollment applications, and processing on-bill repayment transactions. Concord Servicing Corporation has been serving as the MS under their existing contract which was expiring on December 31, 2017. In response to a new RFP for the Master Servicer, Concord Servicing Corporation was selected and a two-year contract with the option for an additional one-year extension was approved on December 27th.

Trustee Bank. The Trustee Bank holds the ratepayer funds provided by the IOUs to serve as Credit Enhancements (CE) under the various pilot programs. CAEATFA provides direction to the Trustee Bank to transfer CE funds between various accounts.⁸ The Decision and regulations developed for each pilot specify the amount of credit enhancement funds available for each enrolled financing, and also identify the processes for payment of claims under the programs. The Trustee Bank contract was initially approved by the Department of General Services on March 11, 2015 and had been extended to the maximum allowable term expiring on December 31, 2017. A new RFP was released in Q4, and in response, US Bank was selected and a three-year contract was signed by CAEATFA and US Bank and is expected to be approved by the Department of General Services in early January 2018.

Contractor Manager. The Contractor Manager will enroll and manage contractors in the REEL Program, coordinate with the Statewide Financing Marketing, Education, and Outreach Implementer on outreach, and conduct quality control oversight of projects not participating in an IOU rebate/incentive program. CAEATFA conducted a competitive solicitation to select a Contractor Manager. Frontier Energy was one of five bidders that responded to an RFP released in April of 2017. Frontier Energy (formerly BKI), was selected for their substantive experience running successful energy efficiency programs for the IOUs and Regional Energy Networks (RENs), including financing programs, as well as their thoughtful and customized approach toward contractor outreach and education for the REEL program. The Board approved staff’s recommendation on August 15, 2017, and the contract was approved by the Department of General Services on October 24, 2017. The contract expires August 31, 2019.

⁸ IOU Holding Accounts, IOU Program Accounts, IOU Pre-approval Accounts and participating Lender Accounts.

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Data Manager. The Data Manager will receive pilot program data from the MS and other energy efficiency finance program administrators in order to prepare it for public presentation and use. It will also receive pilot program related energy savings data from the CPUC. The data will be aggregated and anonymized according to the combined standards and regulatory requirements of the IOUs and capital providers. The RFP for the competitive solicitation for this service has yet to be released while CAEATFA prioritizes its workload to develop and implement the pilots. Concurrently, CAEATFA and its agents will continue to collect the appropriate data to ultimately be transmitted to the data manager when it is brought under contract.

Technical Advisors. Technical Advisors provide expertise to CAEATFA in its development and implementation of the CHEEF pilot programs. CAEATFA contracted with Energy Futures Group (EFG) for technical assistance to continue research and development, and implementation assistance for the commercial pilots effective March 29, 2017. Under its implementation agreement with the IOUs, CAEATFA continues to rely on the ongoing technical support of Harcourt Brown & Carey (HB&C) and anticipates additional assistance from HB&C with regard to on-bill infrastructure implementation. HB&C's expertise and project management assistance has been helpful in providing continuity under the pilots.

Section 5: Program Development

Residential Energy Efficiency Loan Assistance Program

The Residential Energy Efficiency Loan (REEL) Assistance Program launched and enrolled its first loan in July 2016. REEL's initial pilot term is expected to last through July 15, 2018, and will continue through the subsequent pilot evaluation period.

Program Modifications

As noted above, CAEATFA staff continued its research and design of the more complex program modifications to REEL in response to the March 29, 2017, CPUC Decision 17-03-026. CAEATFA anticipates providing proposed modification to the public for input in Q1 2018, which will ultimately be incorporated into the current emergency rulemaking process for REEL. Likely program modifications include: CAEATFA's establishment of the list of eligible energy efficiency measures (as described below), a focus on credit-challenged borrowers, alternative methods to determine Low-Moderate Income borrowers, and the rebalancing of lender loss reserves. These are anticipated to be the last modifications to REEL during the pilot period.

Eligible Energy Efficiency Measures (EEEMs)

CAEATFA adopted a three-phase approach to improving the eligible energy efficiency measures (EEEMS) under the REEL Program, and is currently in the third phase. In the first phase, CAEATFA worked with the IOUs to remove bundling and modeling requirements from the EEEMs list. In the second phase, CAEATFA made all EEEMs eligible for statewide uptake provided the measure's fuel source was serviced by the appropriate IOU. During this phase, CAEATFA also added windows and cool roofs as eligible

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measures to the program. To ensure accuracy of the list and accessibility for participating contractors, CAEATFA consulted IOUs and participating contractors during its phase two efforts. Phase two was completed in August 2017.

CAEATFA is currently working through its phase three efforts where the four separate IOU lists will be removed to yield a single list of measures applicable to all IOU territories. During this phase, CAEATFA will explore inclusion of measures that are not part of the IOU rebate and incentive programs by reaching out to IOUs, contractors, and industry consultants. Phase three is expected to be completed and implemented in Q1 of 2018.

Lender Activity, Recruitment and Training

CAEATFA is continuously recruiting lenders, and providing support to participating lenders. As of December 31, 2017, five lenders (Viewtech Financial Services, Valley Oak Credit Union, Matadors Community Credit Union, California Coast Credit Union, and Desert Valleys Federal Credit Union) have been approved in the REEL Program. Of the five lenders, four are operational and can accept REEL applications from consumers: Valley Oak Credit Union, Matadors Community Credit Union, Desert Valleys Federal Credit Union, and California Coast Credit Union. Lender profiles can be found in Appendix B. CAEATFA will continue recruiting other eligible lenders and conducting additional outreach for the next several months

Working with the four active lenders, 38 projects were completed during the quarter, with a total loan amount of \$632,715. A complete list of all loans enrolled to date, and select attributes, can be found in Appendix A, Table 2.

Contractor Recruitment and Training

During the quarter, 32 new contractors were trained and 22 of those new contractors enrolled in the program. Since CAEATFA began contractor recruitment and training, 237 contractors have been trained with 42 of them attending in-person training sessions. A total of 149 contractors have been enrolled in the program to date. The ongoing webinar schedule can be found at www.thecheef.com/REEL.

In an effort to make the contractor compliance training accessible to a wider pool of eligible contractors interested in joining the REEL Program, CAEATFA staff is working to develop an on-demand, web-based training platform. The on-demand, web-based training will give contractors the flexibility to view training material at their convenience 24-hours a day, 7-days a week. As Frontier Energy became on-boarded as the Contractor Manager, they soon began to develop their procedures to engage and increase the number of contractors in training to be able to participate in the program. CAEATFA expects the on-demand training to be available to participating contractors beginning Q1 of 2018.

In November 2017, CAEATFA and Frontier staffed booths at the Institute of Heating and Air Conditioning Industries, Inc. (IHACI) and National Association of Energy Service Companies (NAESCO) events in an effort to reach more contractors for the REEL program and gain insight and feedback for the upcoming small business and nonresidential pilot programs.

In addition, CAEATFA staff are working with the IOUs and their energy efficiency program implementers

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(i.e., Build It Green and ICF International) to conduct outreach and training of contractors for the REEL Program by posting REEL Program information and training schedules on their websites, as well as in their monthly/quarterly newsletters. Ongoing efforts are being made to improve the resources available to contractors on www.thecheef.com.

Marketing Coordination

After a competitive solicitation process with support from other parties including CAEATFA staff, SoCal Gas awarded Center for Sustainable Energy (CSE) a new Marketing, Education and Outreach (ME&O) contract in October 2017. As the new implementer, CSE will be responsible for outreach to end users of the pilots for REEL as well as the commercial and multi-family pilots. In October 2017, the first marketing stakeholder meeting was held to align on the ME&O roadmap and pilot-specific objectives for the live and forthcoming programs. The initial stakeholders consisted of CSE, the four IOUs, CAEATFA, and the CPUC's Energy Division. The first meeting established three key elements: (1) a communication strategy through the development of a responsibility assignment matrix (RACI), (2) an outline of the ME&O roadmap, and (3) a draft of the REEL-pilot specific brand guidelines. Stakeholders provided feedback on the roadmap and brand guidelines prior to the end of the year. In December 2017, CSE shared wireframes and sitemaps of the new GoGreen Financing web platform with stakeholders, requesting their feedback. CSE is set to share the next draft of edits to the roadmap, brand guidelines, and the wireframes/sitemap at the next stakeholder meeting, scheduled for January 18, 2018.

With CSE focused on marketing to the end user, Frontier Energy assumed development of marketing collateral and overall coordination of marketing efforts for the REEL Contractor network. CAEATFA will continue its outreach to lenders in addition to providing support for local governments and other partners in the promotion of the pilots with a goal of onboarding at least two new lenders in Q1 2018.

PG&E REEL Sub-Pilot: Energy Finance Line Item Charge (EFLIC)

CAEATFA's efforts to develop EFLIC, an on-bill, sub-pilot of REEL, available in PG&E territory, has been paused while CAEATFA works to modify the REEL program following the CPUC's March 2017 Decision granting more flexibility to CAEATFA. CAEATFA will assess its prioritization of this effort once PG&E's OBR infrastructure is established and CAEATFA's new staff positions are on-boarded.

On-Bill Repayment (OBR)

Several pilot programs will include OBR as a key feature. CAEATFA staff is working with the IOUs and the MS to establish the OBR infrastructure. The CPUC's recent Decision provided CAEATFA with the ability to offer all programs off-bill. CAEATFA will continue to research and develop OBR, while it's concurrently launching off-bill versions of each pilot.

Infrastructure Development and Operations

One key component of the OBR infrastructure is the Data Exchange Protocol (DEP) which outlines the process for secure transmission of payments and repayment data between the IOUs, MS and lenders. After analyzing multiple complex residential and commercial customer data scenarios, the MS and the

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IOUs agreed upon the DEP and adopted the IOU-MS functionality testing plan. Through testing, the MS and IOUs identified several components of the DEP that required clarification. The MS has been working to issue an updated version of the DEP.

The development of the lender-master servicer communications has been an area of focused work for CAEATFA for much of 2017 and will continue into 2018. The lender-master servicer data exchange is the core operational and communications platform process governing interactions between the MS and lenders through the full life cycle of OBR loans. The MS provided CAEATFA with a scope of work to develop this communications platform which CAEATFA is reviewing. CAEATFA has also been working to resolve various open issues and research questions involving OBR operational components and processes. Further development and testing with the IOUs will likely be needed depending on the final outcome of key elements.

In order to ensure a secure cash flow for lenders participating in the on-bill programs, CAEATFA, Concord, and Chase Bank will work to develop governance structures around the accounts which will receive remittances from the IOUs. This agreement specifies the use of an online portal with restrictions on parties who may receive funds. This process is being prioritized concurrently with CAEATFA's and Concord's other workload.

Commercial Pilot Development

CAEATFA staff, along with Energy Futures Group, a technical advisor, continued development of the CHEEF Commercial Pilots which will support various financial products including loans, leases, and energy service agreements. The Small Business pilot will launch first. This program provides credit enhancements to help financing entities mitigate risk and allows an option for on-bill or off-bill repayment. Subsequently, CAEATFA will launch the Non-Residential pilot which provides larger non-residential entities (including governmental agencies) an option to repay financing through the utility bill. This approach allows for a diverse group of entities of all sizes to pursue energy efficiency financing through the program.

CAEATFA is in the process of researching and developing a flexible project eligibility approach which allows for multiple methods by which measures can be approved and QA/QC can be conducted including a pre-approved measure category list, certification by energy professionals, and approval through utility rebate and incentive programs. This flexible approach allows for projects which are either simple or highly customized. CAEATFA staff further refined the list of pre-approved measure categories by gathering industry feedback by reaching out directly to manufacturers and installers, and at industry trade shows and conferences. Staff also conducted research in the industry on alternate methods of energy financing project models such as through energy service companies.

The small business commercial pilot is planned to be presented to the public for comment in Q2 of 2018, with drafted regulations to be ready for workshop in Q3 of 2018.

- Q2 2018 – Commercial Workshop
 - Refreshed program structure, reflecting flexibility provided by most recent CPUC Decision

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- Q3 2018 – Commercial Regulatory Workshop
 - Solicitation of Comment on Draft Regulatory Text

Affordable Multifamily Pilot Development

CAEATFA has also been concurrently working to research and develop the Affordable Multifamily Financing Pilot, targeting properties in which at least 50% of the units are restricted to low and moderate income-eligible households (60% AMI). The Affordable Multifamily Financing Pilot features a credit enhancement to help financing entities mitigate risk, and will support loans, leases and energy service agreements.

It will be designed to leverage and complement existing efforts to finance affordable multifamily housing and energy efficiency retrofits, and to encourage growth in private market lending.

In support of development of the Affordable Multifamily Financing Pilot, CAEATFA held a workshop on November 7th at PG&E's Pacific Energy Center in San Francisco to solicit stakeholder and public input on the initial draft of the program design, and to identify areas of need for technical assistance opportunities. The workshop was well attended, with 21 attendees in person and another 42 registered via webinar. CAEATFA anticipates continuing program research throughout the next several months and providing proposed regulations for public input in Q3 2018, in anticipation of the program launching in Q1 2019.

Section 6: Additional Information

More information on the CHEEF Pilot Programs is available on CAEATFA's website at <http://www.treasurer.ca.gov/caeatfa/cheef> or at thecheef.com. To receive notifications regarding workshops, regulations, and other items related to the CHEEF, please sign up [here](#) for CAEATFA's email distribution list. Please direct inquiries on this report or generally on the CHEEF Pilot Programs to CAEATFA at (916) 651-8157 or cheef@treasurer.ca.gov.

Reporting Components Required by D.13-09-044

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Appendix A:

Below is a full list of data points required by D.13-09-044 to be submitted as part of this Quarterly Report. Many of these components are related to the implementation stages of the program. Additional information will be provided in subsequent Quarterly Reports as program activity ramps-up.

- **The platform and space within which CHEEF functions take place**
 - See Section 3 on p. 5.
- **Accounts and account managers associated with CHEEF. A summary table of accounts with beginning and ending monthly balances is available at the end of Appendix A.**

The following CHEEF accounts have been established with US Bank:

- CHEEF PG&E Holding Account
- CHEEF PG&E REEL Program Account
- CHEEF PG&E REEL Reservation Account
- Valley Oak Credit Union PG&E REEL Loss Reserve Account
- Viewtech PG&E REEL Loss Reserve Account
- Matadors Community Credit Union PG&E REEL Loss Reserve Account
- California Coast Credit Union PG&E REEL Loss Reserve Account
- Desert Valleys Federal Credit Union PG&E REEL Loss Reserve Account

- CHEEF SDG&E Holding Account
- CHEEF SDG&E Program Account
- CHEEF SDG&E Reservation Account
- Valley Oak Credit Union SDG&E REEL Loss Reserve Account
- Viewtech SDG&E REEL Loss Reserve Account
- Matadors Community Credit Union SDG&E REEL Loss Reserve Account
- California Coast Credit Union SDG&E REEL Loss Reserve Account
- Desert Valleys Federal Credit Union SDG&E REEL Loss Reserve Account

- CHEEF SCE Holding Account
- CHEEF SCE Program Account
- CHEEF SCE Reservation Account
- Valley Oak Credit Union SCE REEL Loss Reserve Account
- Viewtech SCE REEL Loss Reserve Account
- Matadors Community Credit Union SCE REEL Loss Reserve Account
- California Coast Credit Union SCE REEL Loss Reserve Account
- Desert Valleys Federal Credit Union SCE REEL Loss Reserve Account

- CHEEF SoCalGas Holding Account
- CHEEF SoCalGas Program Account
- CHEEF SoCalGas Reservation Account

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- Valley Oak Credit Union SoCalGas REEL Loss Reserve Account
- Viewtech SoCalGas REEL Loss Reserve Account
- Matadors Community Credit Union SoCalGas REEL Loss Reserve Account
- California Coast Credit Union SoCalGas REEL Loss Reserve Account
- Desert Valleys Federal Credit Union SoCalGas REEL Loss Reserve Account

- **Database permission (and levels therein) criteria and platforms**
CAEATFA is in the process of working with the Master Servicer to establish database infrastructure. No permissions have been set at this time.

- **Contractor-facing products (such as websites/informational charts)**
 - additional information regarding the CHEEF pilot programs, lender profiles, contractor resources, marketing and continuing education information can be found at thecheef.com.

 - CAEATFA maintains information about the pilots and related workshops, trainings, and events on its website:
<http://www.treasurer.ca.gov/caeatfa/cheef/reel/contractor/index.asp>.

 - information on Eligible Energy Efficiency Measures is available online at <http://eeems.azurewebsites.net/>

- **Transactions of various financial products administered by CHEEF and certain aggregate profile information about borrowers, project purposes/scope, financed amounts, etc.**
As of September 30, 2017, 70 loans have been enrolled into the program. Fifty-seven were funded by California Coast Credit Union (statewide), nine by Matadors Community Credit Union (statewide lender), three by Valley Oak Credit Union (regional lender), and one by Desert Valleys Federal Credit Union (regional lender). (See Table 2, pg A-3)

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Table 2: Summary of All REEL Program Loans Enrolled to Date.								
Loss Reserve Funding Date	Lender Name	Total Loan Amount	Credit Enhancement Amount ⁹	Interest Rate	Income Range	FICO BAND	D/I Ratio	Term of Loan (Months)
Jul-2016	Matadors	\$12,285	\$1,351.35	6.99%	\$100,000 - \$149,999	641-700	25-35%	120
Jul-2016	Matadors	\$7,500	\$825.00	6.99%	\$75,000-\$99,999	701-760	46-55%	180
Sep-2016	Matadors	\$8,385	\$922.35	6.99%	\$100,000 - \$149,999	701-760	36-45%	120
Oct-2016	Matadors	\$15,000	\$3,000.00	6.49%	<\$25,000	761-820	<25%	60
Nov-2016	Valley Oak	\$14,368	\$1,332.98	7.10%	\$50,000-\$74,999	701-760	46-55%	120
Jan-2017	California Coast	\$25,000	\$2,750	5.88%	\$150,000+	701-760	25-35%	60
Jan-2017	California Coast	\$14,648.90	\$2,529.78	6.88%	\$35,000-\$49,999	701-760	46-55%	180
Feb-2017	California Coast	\$22,543	\$2,479.73	5.88%	\$100,000-\$149,999	701-760	25-35%	60
Mar-2017	California Coast	\$14,350	\$1,578.50	6.38%	\$75,000-\$99,999	701-760	36-45%	120
Mar-2017	California Coast	\$9,393	\$813.23	6.38%	\$100,000-\$149,999	701-760	36-45%	120
Mar-2017	California Coast	\$16,104	\$1,529.44	7.38%	\$75-000-\$99,999	580-640	36-45%	120
Apr-2017	Matadors	\$50,000	\$5,500	7.99%	\$150,000+	641-700	<25%	180
Apr-2017	Matadors	\$24,500	\$2,695	7.99%	\$150,000+	761-820	36-45%	180
May-2017	California Coast	\$15,000	\$3,000	6.88%	\$35,000-\$49,999	761-820	46-55%	180
May-2017	California Coast	\$8,947	\$984.17	6.88%	\$50,000-\$74,999	641-700	25-35%	60
May-2017	California Coast	\$38,740	\$4,261.40	7.88%	\$100,000-\$149,999	641-700	46-55%	180
Jun-2017	Valley Oak	\$10,500	\$1,155	8.95%	\$75-000-\$99,999	580-640	46-55%	60
Jun-2017	California Coast	\$13,871	\$1,525.81	6.38%	\$100,000-\$149,999	701-760	46-55%	120
Jun-2017	California Coast	\$23,962	\$3,292.54	6.88%	\$25,000-\$34,999	821+	36-45%	180
Jun-2017	California Coast	\$25,744	\$2,831.84	7.38%	\$150,000+	641-700	<25%	120
Jun-2017	California Coast	\$25,000	\$2,750	7.38%	\$100,000-\$149,999	641-700	36-45%	120
Jun-2017	California Coast	\$24,044	\$1,915.21	6.38%	\$150,000+	761-820	36-45%	120

⁹ No claims on the reserve funds have been made to date.

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Jun-2017	California Coast	\$12,932	\$1,422.52	6.88%	\$150,000+	701-760	36-45%	180
Jun-2017	California Coast	\$8,546	\$940.06	6.88%	\$100,000-\$149,999	641-700	46-55%	48
Jun-2017	California Coast	\$11,370	\$1,250.70	5.88%	\$100,000-\$149,999	761-820	<25%	60
Jul-2017	California Coast	\$9,818.00	\$1,963.60	6.38%	\$75,000-\$99,999	821+	36-45%	120
Jul-2017	California Coast	\$19,927.00	\$2191.97	5.88%	\$150,000+	761-820	25-35%	60
Jul-2017	California Coast	\$37,000.00	\$3,442.26	6.38%	\$100,000-\$149,999	701-760	36-45%	120
Jul-2017	California Coast	\$7,176.00	\$789.36	6.88%	\$75,000-\$99,999	641-700	25-35%	48
Jul-2017	California Coast	\$11,663.00	\$1,282.93	6.38%	\$150,000+	761-820	25-35%	120
Jul-2017	California Coast	\$10,327.69	\$1,136.05	6.88%	\$100,000-\$149,999	701-760	25-35%	180
Jul-2017	California Coast	\$12,670.00	\$1,393.70	7.88%	\$75,000-\$99,999	641-700	46-55%	180
Jul-2017	California Coast	\$10,624.00	\$1,168.64	6.88%	\$150,000+	761-820	<25%	180
Jul-2017	Matadors	\$15,189.00	\$1,670.79	5.99%	\$150,000+	761-820	25-35%	60
Jul-2017	California Coast	\$29,841.99	\$2,436.83	6.88%	\$150,000+	701-760	36-45%	180
Jul-2017	California Coast	\$13,913.44	\$1,530.48	6.38%	\$100,000-\$149,999	761-820	36-45%	120
Aug-2017	California Coast	\$7,000.00	\$1,400.00	5.88%	\$25,000-\$34,999	821	<25%	60
Aug-2017	California Coast	\$8,313.00	\$914.43	5.88%	\$100,000-\$149,999	701-760	25-35%	60
Aug-2017	California Coast	\$7,589.00	\$834.79	7.38%	\$100,000-\$149,999	641-700	36-45%	120
Aug-2017	California Coast	\$6,956.55	\$765.22	5.88%	\$100,000-\$149,999	701-760	36-45%	60
Aug-2017	California Coast	\$8,688.00	\$955.68	6.38%	\$100,000-\$149,999	701-760	46-55%	84
Aug-2017	California Coast	\$6,920.00	\$1,384.00	6.88%	\$75,000-\$99,999	701-760	46-55%	180
Aug-2017	California Coast	\$25,730.00	\$2,830.30	6.88%	\$100,000-\$149,999	701-760	36-45%	180
Aug-2017	California Coast	\$7,103.00	\$552.53	5.88%	\$150,000	761-820	36-45%	60
Aug-2017	California Coast	\$34,323.58	\$3,775.59	6.88%	\$75,000-\$99,999	701-760	36-45%	180
Aug-2017	California Coast	\$4,000.00	\$800.00	6.38%	\$50,000-\$74,999	761-820	36-45%	60
Aug-2017	California Coast	\$14,876.80	\$1,636.45	6.88%	\$75,000-\$99,999	580-640	46-55%	60
Aug-2017	California Coast	\$9,169.00	\$1,008.59	6.38%	\$150,000	821	25-35%	24

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Aug-2017	California Coast	\$11,680.35	\$1,284.84	6.38%	\$150,000	761-820	36-45%	60
Aug-2017	California Coast	\$7,400.01	\$814.00	6.88%	\$100,000-149,999	761-820	25-35%	120
Sep-2017	Desert Valleys	\$21,138.25	\$2,325.21	6.50%	\$50,000-\$74,999	641-700	25-35%	120
Sep-2017	California Coast	\$6,215.00	\$683.65	7.38%	\$100,000-\$149,999	641-700	46-55%	84
Sep-2017	California Coast	\$18,580.00	\$2,043.80	7.38%	\$100,000-\$149,999	641-700	25-35%	180
Sep-2017	California Coast	\$23,553.00	\$2,590.83	6.38%	\$150,000	701-760	<25%	72
Sep-2017	California Coast	\$16,324.00	\$1,795.64	5.88%	\$75,000-\$99,999	761-820	<25%	60
Sep-2017	California Coast	\$30,000.00	\$6,000.00	7.88%	\$50,000-\$74,999	641-700	36-45%	180
Sep-2017	California Coast	\$34,169.77	\$3,758.67	5.88%	\$150,000	701-760	25-35%	48
Sep-2017	Matadors	\$7,146.00	\$786.06	5.99%	\$150,000	701-760	25-35%	60
Sep-2017	California Coast	\$43,467.00	\$4,781.37	6.88%	\$150,000	761-820	25-35%	180
Sep-2017	California Coast	\$12,714.29	\$1,398.57	7.38%	\$100,000-\$149,999	580-640	46-55%	120
Sep-2017	California Coast	\$8,912.00	\$980.32	7.88%	\$100,000-\$149,999	641-700	36-45%	180
Sep-2017	California Coast	\$50,000.00	\$5,500.00	6.88%	\$150,000	701-760	25-35%	180
Sep-2017	Matadors	\$15,327.00	\$1,685.97	5.99%	\$75,000-\$99,999	821	25-35%	60
Sep-2017	California Coast	\$16,962.00	\$2,942.40	6.88%	\$100,000-\$149,999	701-760	<25%	180
Sep-2017	California Coast	\$20,828.00	\$2,291.08	5.88%	\$100,000-\$149,999	761-820	25-35%	60
Sep-2017	California Coast	\$5,500.00	\$1,100.00	6.38%	\$50,000-\$74,999	701-760	<25%	60
Sep-2017	Valley Oak	\$10,000.00	\$1,100.00	6.88%	\$75,000-\$99,999	641-700	46-55%	60
Sep-2017	California Coast	\$25,500.00	\$2,805.00	7.81%	\$50,000-\$74,999	701-760	36-45%	120
Sep-2017	California Coast	\$18,714.51	\$2,058.60	6.88%	\$150,000	701-760	36-45%	120
Sep-2017	California Coast	\$13,998.00	\$1,539.78	6.38%	\$50,000-\$74,999	701-760	36-45%	120
Oct-2017	California Coast	\$11,128.00	\$1,224.08	6.88%	\$100,000-149,999	821	<25%	180
Oct-2017	California Coast	\$43,144.06	\$4,745.85	8.88%	\$100,000-149,999	580-640	25-35%	180
Oct-2017	California Coast	\$37,480.00	\$3,500.20	6.88%	\$75,000-99,999	761-820	25-35%	180
Oct-2017	Matadors	\$5,587.00	\$1,117.40	5.99%	\$25,000	701-760	46-55%	60

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Oct-2017	Matadors	\$7,000.00	\$687.50	6.99%	\$100,000-149,999	701-760	36-45%	120
Oct-2017	California Coast	\$20,000.00	\$2,200.00	6.88%	\$150,000	701-760	36-45%	120
Oct-2017	California Coast	\$17,100.00	\$1,881.00	6.88%	\$75,000-99,999	701-760	25-35%	180
Oct-2017	Desert Valleys	\$22,283.00	\$2,451.13	5.5%	\$50,000-\$74,999	701-760	36-45%	120
Oct-2017	California Coast	\$25,000.00	\$2,750.00	6.38%	\$150,000	580-640	25-35%	120
Oct-2017	Matadors	\$10,000.00	\$1,730.00	5.99%	\$35,000-49,999	821	36-45%	60
Oct-2017	California Coast	\$35,000.00	\$3,850.00	7.88%	\$100,000-149,999	641-700	36-45%	180
Oct-2017	California Coast	\$28,348.00	\$3,118.28	6.88%	\$75,000-99,999	761-820	25-35%	120
Oct-2017	California Coast	\$12,075.00	\$1,328.25	6.38%	\$50,000-\$74,999	701-760	36-45%	84
Oct-2017	California Coast	\$16,171.31	\$3,234.26	7.38%	\$35,000-49,999	821	<25%	180
Oct-2017	California Coast	\$12,605.00	\$2,521.00	7.38%	\$100,000-149,999	580-640	46-55%	72
Nov-2017	Matadors	\$8,892.00	\$1,778.40	6.99%	\$100,000-149,999	701-760	46-55%	120
Nov-2017	California Coast	\$9,894.50	\$1,088.40	8.38%	\$100,000-149,999	641-700	<25%	120
Nov-2017	California Coast	\$17,070.00	\$1,877.70	6.38%	\$75,000-99,999	821	36-45%	60
Nov-2017	California Coast	\$4,952.00	\$990.40	6.38%	\$25,000-34,999	701-760	<25%	60
Nov-2017	California Coast	\$8,887.00	\$977.57	7.38%	\$100,000-149,999	761-820	25-35%	180
Nov-2017	California Coast	\$29,600.00	\$3,256.00	7.88%	\$150,000	580-640	36-45%	180
Nov-2017	California Coast	\$7,516.00	\$826.76	6.38%	\$100,000-149,999	761-820	25-35%	60
Nov-2017	California Coast	\$26,439.00	\$2,574.33	6.88%	\$150,000	761-820	36-45%	180
Nov-2017	Matadors	\$20,736.00	\$4,147.20	5.99%	\$50,000-\$74,999	641-700	46-55%	60
Nov-2017	Matadors	\$20,694.00	\$2,276.34	5.99%	\$100,000-149,999	821	<25%	60
Nov-2017	Matadors	\$9,289.11	\$1,021.80	5.99%	\$100,000-149,999	701-760	25-35%	60
Nov-2017	California Coast	\$8,556.00	\$941.16	6.38%	\$50,000-\$74,999	761-820	25-35%	60
Nov-2017	California Coast	\$13,387.00	\$1,472.57	7.38%	\$100,000-149,999	701-760	25-35%	180
Nov-2017	Matadors	\$15,260.00	\$3,052.00	6.99%	\$25,000-34,999	761-820	36-45%	120

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Nov-2017	California Coast	\$12,729.00	\$1,400.19	6.38%	\$150,000	701-760	36-45%	60
Nov-2017	Matadors	\$10,428.77	\$1,705.75	6.99%	\$35,000-49,999	701-760	36-45%	120
Dec-2017	California Coast	\$17,125.00	\$1,883.75	7.88%	\$75,000-99,999	641-700	36-45%	60
Dec-2017	Matadors	\$18,360.00	\$3,672.00	7.99%	\$50,000-\$74,999	701-760	36-45%	180
Dec-2017	California Coast	\$18,000.00	\$1,980.00	8.88%	\$150,000	580-640	36-45%	180
Dec-2017	Matadors	\$6,520.00	\$1,304.00	5.99%	\$50,000-\$74,999	761-820	36-45%	60
Dec-2017	California Coast	\$11,825.00	\$1,300.75	6.88%	\$100,000-149,999	701-760	46-55%	120
Dec-2017	California Coast	\$21,633.00	\$2,379.63	8.38%	\$100,000-149,999	641-700	46-55%	120
Dec-2017	California Coast	\$12,000.00	\$1,100.00	8.38%	\$75,000-99,999	641-700	46-55%	120
Grand Total		\$1,822,395.88	\$218,112.24					

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Appendix B: Lender Profiles

Statewide Lenders

California Coast Credit Union

California Coast Credit Union is a statewide credit union offering financial products to pay for eligible energy efficiency to qualified single-family residential customers throughout California.

California Coast – Rate (Signature Loan compared to REEL Loan)				
Borrower FICO	Signature Loan Rate (5yr)	REEL Loan Rate (5yr)	REEL Loan Rate (10yr)	REEL Loan Rate (15yr)
700+	9.85%	5.88%	6.38%	6.88%
675-699	12.85%	6.88%	7.38%	7.88%
640-674	15.85%	6.88%	7.38%	7.88%
600-639	18.85%	6.88%	7.38%	7.88%
California Coast – Term & Loan Amount (Signature Loan compared to REEL Loan)				
Term (Years)	Signature Loan Amount		REEL Loan Amount	
1 – 5	\$5,000 - \$20,000		\$2,500 - \$50,000	
6 - 10	Not Offered		\$2,500 - \$50,000	
11 - 15	Not Offered		\$2,500 - \$50,000	

California Coast did not previously offer any energy efficiency home improvement loans. A member seeking unsecured financing (5-year term) would have applied for a “Signature Loan” through the credit union at a rate of 9.85% for higher FICO borrowers and at rates up to 18.85% for those with a lower FICO. With the availability of the CE they have been able to develop a loan product to cover single measures, as well as whole house retrofits, offering unsecured financing rates that range from 5.88% to 7.88%.

Below is an active REEL loan comparison compared to a standard loan product offered by California Coast Credit Union. The loan amount was for \$25,000 and has a term of sixty months. The borrower is able to enjoy lower monthly payments as well as saving \$2,844.39 in interest over the course of the loan.

Loan	Interest Rate (%)	Monthly PMT	Total Interest Paid	Total Interest Saved
REEL Loan Summary	5.88%	\$ 481.93	\$ 3,915.58	\$ 2,844.39
Standard Loan Summary	9.85%	\$ 529.33	\$ 6,759.97	

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Matadors Community Credit Union

Matadors Community Credit Union is a statewide credit union offering financial products to pay for eligible energy efficiency to qualified single-family residential customers throughout California.

Matadors – Rate (Personal Loan compared to REEL Loan)				
Borrower FICO	Signature Loan Rate (1yr)	REEL Loan Rate (5yr)	REEL Loan Rate (10yr)	REEL Loan Rate (15yr)
740+	9.90%	5.99%	6.99%	7.99%
690-739	10.90%	5.99%	6.99%	7.99%
660-689	12.40%	5.99%	6.99%	7.99%
640-659	Not Offered	5.99%	6.99%	7.99%
Matadors – Term & Loan Amount (Personal Loan compared to REEL Loan)				
Term (Years)	Personal Loan Amount	REEL Loan Amount		
1	\$500 - \$5,000	\$2,500 - \$50,000		
2 - 5	Not Offered	\$2,500 - \$50,000		
6 - 10	Not Offered	\$2,500 - \$50,000		
11 - 15	Not Offered	\$2,500 - \$50,000		

Matadors did not previously offer single measure energy efficiency home improvement loans, and a member seeking this type of financing would have applied for a “Personal Loan” through the credit union at a rate of 9.90% for higher FICO borrowers and at rates up to 12.40% for those with a lower FICO. With the availability of the CE they have been able to develop a loan product to cover single measures, as well as whole house retrofits, offering unsecured financing rates that range from 5.99% to 7.99%.

The lower interest rates and longer repayment terms will result in lower monthly payments and savings for credit-challenged borrowers.

Below, is an example of a loan that a borrower currently has with Matadors. The individual who needs to take a personal loan of \$15,000 for a replacement would be charged at least 9.90% for a loan that has to be repaid in one (1) year with a monthly payment of \$1,318.04. That same borrower, with the REEL product option, will pay only 5.99% and has up to five (5) years to repay the loan with a monthly payment of \$293.42.

Loan	Term (Months)	Interest Rate (%)	Monthly PMT
REEL Loan Summary	60	6.49%	\$ 293.42
Standard Loan Summary	12	9.90%	\$ 1,318.04

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Regional Lenders

Valley Oak Credit Union

Valley Oak Credit Union is a regional credit union offering financial products and services in California’s Central Valley, a region dominated by low-to-moderate income households according to the California Department of Housing and Community Development. Valley Oak serves borrowers in Fresno, Kings, Madera, and Tulare counties and is eager to offer energy efficiency financing to its members in order to help them to reduce their energy consumption, improve their homes, and ultimately lower their cost of living expenses.



While Valley Oak did not previously offer an energy efficiency home improvement loan, a member seeking this type of financing would have applied for a “Personal Loan” through the credit union at a rate of 8.95% for high FICO borrowers and at rates up to 15.95% for those with a lower FICO. With the availability of the CE, they have been able to develop a loan product offering rates that were reduced from 8.95% - 15.95% to 6.77% - 9.27%.

Valley Oak – Rate (Personal Loan compared to REEL Loan)				
Borrower FICO	Personal Loan Rate (5yr)	REEL Loan Rate (5yr)	REEL Loan Rate (10yr)	REEL Loan Rate (15yr)
730+	8.95%	6.77%	6.77%	6.77%
680-729	9.95%	7.27%	7.27%	7.27%
640-679	11.95%	7.77%	7.77%	7.77%
600-639	13.95%	8.27%	8.27%	8.27%
580-599	15.95%	9.27%	9.27%	9.27%

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Valley Oak – Term & Loan Amount (Personal Loan compared to REEL Loan)		
Term (Years)	Personal Loan Amount	REEL Loan Amount
1 – 5	\$2,500 - \$20,000	\$1,500 - \$50,000
6 – 10	Not Offered	\$10,000 - \$50,000
11 – 15	Not Offered	\$25,000 - \$50,000

The lower interest rates will result in significant customer savings for credit-challenged borrowers. For example:

- A Valley Oak customer with a FICO score of 580, taking out an \$8,000 7-year loan, would save \$2,203.41 in interest over the life of the loan.
- A Valley Oak customer with a FICO score of 600, taking out a \$20,000 12-year loan, would save \$8,668.91 in interest over the life of the loan.

Below, is an example of a loan that a borrower currently has with Valley Oak. The individual who needs to take a personal loan of \$14,368 would be charged at least 8.95% for that loan and have up to five (5) year to repay with a monthly payment of \$304.92. That same borrower, using the REEL product option, will pay only 7.10% and has up to ten (10) years to repay the loan with a monthly payment of \$167.57.

Loan	Term (Months)	Interest Rate (%)	Monthly PMT
REEL Loan Summary	120	7.10	\$ 167.57
Standard Loan Summary	60	9.95	\$ 304.92

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Desert Valleys Federal Credit Union

Desert Valleys Federal Credit Union is a regional credit union offering financial products and services in California's eastern deserts, a region dominated by low-to-moderate income households according to the CA Department of Housing and Community Development. Desert Valleys serves borrowers in parts of Inyo, Kern and San Bernardino counties and is eager to offer energy efficiency financing to its members in order to help them to reduce their energy consumption, improve their homes, and ultimately lower their cost of living expenses.



While Desert Valleys does offer an energy loan called "Alternative Energy Loan", it is only for solar projects. A member seeking an energy efficiency home improvement loan (5-year term) would have applied for a "Signature Loan" through the credit union at a rate of 10.99% for high FICO borrowers and at rates up to 18.00% for those with a lower FICO. With the availability of the CE they have been able to develop a loan product offering rates that range from 4.50% to 8.50%.

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Desert Valleys – Rate (Signature Loan compared to REEL Loan)				
Borrower FICO	Signature Loan Rate (5yr)	REEL Loan Rate (5yr)	REEL Loan Rate (10yr)	REEL Loan Rate (15yr)
700+	10.99%	4.50%	5.50%	6.50%
640-679	12.99%	5.50%	6.50%	7.50%
600-639	15.99%	6.50%	7.50%	8.50%
580-599	18.00%	7.50%	8.50%	Not Available
Desert Valleys – Term & Loan Amount (Signature Loan compared to REEL Loan)				
Term (Years)	Signature Loan Amount	REEL Loan Amount		
1 – 5	\$2,500 - \$15,000	\$2,500 - \$50,000		
6 - 10	Not Offered	\$10,000 - \$50,000		
11 - 15	Not Offered	\$25,000 - \$50,000		

The lower interest rates and longer repayment terms will result in lower monthly payments and savings for credit-challenged borrowers. For example, a Desert Valleys member who needs to take a personal loan of \$5,000 for an emergency HVAC replacement would be charged at between 10.99% - 18.00% for a loan that has to be repaid in five (5) years. That same borrower, with the REEL product option, will pay between 4.50% - 8.50% and has up to 10 years to repay the loan and up to 15 years if their FICO is 600 or higher.

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Spruce/Viewtech Financial Services

Spruce/Viewtech Financial Services initially anticipated offering their REEL product on a statewide basis through Retail Installment Contracts (RICs) offered to borrowers through the contractor. While Viewtech’s current rate on a non-REEL RIC ranges from 7.99% for borrowers with high FICO scores, up to 14.99% for those with lower FICO scores, the interest for the REEL product has been greatly reduced for those borrowers whose FICO scores fall into the lower end of the spectrum. Through the availability of the CE, Viewtech is able to offer a rate of either 7.99% or 8.99%.

Spruce/Viewtech – Rate (Non REEL compared to REEL Loan)		
Borrower FICO	Non REEL RIC Rate Range	REEL Loan or RIC Rate
780+	7.99%	7.99%
720-779	7.49 to 9.99%	7.99%
680-719	8.99 to 12.24%	7.99%
640-679	11.99 to 14.99%	8.99%
600-639	14.99%	8.99%
Spruce/Viewtech – Term & Amount		
Term (Years)	Minimum Loan Amount	Maximum Loan Amount
1 - 5	\$2,500	\$3,999
6 - 7	\$4,000	\$6,499
8 - 12	\$6,500	\$30,000

The lower interest rates would result in customer savings for borrowers with FICO scores lower than 720, as shown here. For example:

- A Viewtech customer with a FICO score of 600, taking out a \$20,000 12-year loan, would save \$10,448 in interest over the life of the loan.
- A Viewtech customer with a FICO score of 680, taking out a \$15,000 12-year loan, would save \$5,315 in interest over the life of the loan.

The Viewtech/Kilowatt Financials roll-out of the REEL product is currently on hold due to continued priorities in managing their merger with Clean Power Finance, rebranded as Spruce. CAATFA staff will work with Spruce/Viewtech when they are able to move forward with a product.

Reporting Components Required by D.13-09-044

October 1, 2017 – December 31, 2017

Summary of Accounts

The tables below satisfy the data points required by D.13-09-044 to be submitted as part of this Quarterly Report. The tables below provide a summary of all active CHEEF accounts currently serviced by the Trustee. The table(s) provide the account name and the beginning and ending monthly balance of each account.

Monthly Summary of IOU Holding Account(s)

<u>Southern California Gas Holding Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2015</u>		
June	\$ 0.00	\$ 250,000.00
July	\$ 250,000.00	\$ 250,000.27
August	\$ 250,000.27	\$ 250,004.52
September	\$ 250,004.52	\$ 250,008.77
October	\$ 250,008.77	\$ 250,012.88
November	\$ 250,012.88	\$ 250,017.13
December	\$ 250,017.13	\$ 250,021.24
<u>2016</u>		
January	\$ 250,021.24	\$ 250,025.49
February	\$ 250,025.49	\$ 250,045.03
March	\$ 250,045.03	\$ 250,064.84
April	\$ 250,064.84	\$ 250,086.02
May	\$ 250,086.02	\$ 150,106.52
June	\$ 150,106.52	\$ 127.43
July	\$ 127.43	\$ 147.93
August	\$ 147.93	\$ 169.11
September	\$ 169.11	\$ 190.29
October	\$ 190.29	\$ 210.80
November	\$ 210.80	\$ 231.99
December	\$ 231.99	\$ 252.50
<u>2017</u>		
January	\$ 252.50	\$ 273.69
February	\$ 273.69	\$ 304.89
March	\$ 304.89	\$ 333.69
April	\$ 333.69	\$ 365.58
May	\$ 365.58	\$ 406.05

Reporting Components Required by D.13-09-044

October 1, 2017 - December 31, 2017

June	\$	406.05	\$	448.59
July	\$	448.59	\$	489.76
August	\$	489.76	\$	532.29
September	\$	532.29	\$	574.78
October	\$	574.78	\$	615.98
November	\$	615.98	\$	698.18
December	\$	698.18	\$	698.29

Pacific Gas & Electric Holding Account Monthly Balance				
	<u>Beginning Monthly Balance</u>		<u>Ending Monthly Balance</u>	
<u>2015</u>				
June	\$	-	\$	0.01
July	\$	0.01	\$	250,000.01
August	\$	250,000.01	\$	250,003.98
September	\$	250,003.98	\$	250,008.23
October	\$	250,008.23	\$	250,012.34
November	\$	250,012.34	\$	250,016.59
December	\$	250,016.59	\$	250,020.70
<u>2016</u>				
January	\$	250,020.70	\$	250,024.95
February	\$	250,024.95	\$	250,044.49
March	\$	250,044.49	\$	250,064.30
April	\$	250,064.30	\$	250,085.48
May	\$	150,105.98	\$	150,105.98
June	\$	150,105.98	\$	126.89
July	\$	126.89	\$	147.39
August	\$	147.39	\$	168.57
September	\$	168.57	\$	189.75
October	\$	189.75	\$	210.26
November	\$	210.26	\$	231.45
December	\$	231.45	\$	251.96
<u>2017</u>				
January	\$	251.96	\$	273.15
February	\$	273.15	\$	304.34
March	\$	304.34	\$	333.14
April	\$	333.14	\$	365.03

Reporting Components Required by D.13-09-044

October 1, 2017 - December 31, 2017

May	\$	365.03	\$	405.50
June	\$	405.50	\$	448.04
July	\$	448.04	\$	489.19
August	\$	489.19	\$	531.68
September	\$	531.68	\$	536.57
October	\$	536.57	\$	615.35
November	\$	615.35	\$	697.56
December	\$	697.56	\$	697.67

<u>San Diego Gas & Electric Holding Account Monthly Balance</u>				
		<u>Beginning Monthly Balance</u>		<u>Ending Monthly Balance</u>
<u>2015</u>				
August	\$	-	\$	250,000.00
September	\$	250,000.00	\$	250,001.64
October	\$	250,001.64	\$	250,005.75
November	\$	250,005.75	\$	250,010.00
December	\$	250,010.00	\$	250,014.11
<u>2016</u>				
January	\$	250,014.11	\$	250,018.36
February	\$	250,018.36	\$	250,037.90
March	\$	250,037.90	\$	250,057.71
April	\$	250,057.71	\$	250,078.89
May	\$	250,078.89	\$	150,099.39
June	\$	150,099.39	\$	120.30
July	\$	120.30	\$	140.80
August	\$	140.80	\$	161.98
September	\$	161.98	\$	183.16
October	\$	183.16	\$	203.66
November	\$	203.66	\$	224.85
December	\$	224.85	\$	245.36
<u>2017</u>				
January	\$	245.36	\$	266.55
February	\$	266.55	\$	297.74
March	\$	297.74	\$	326.54
April	\$	326.54	\$	358.43
May	\$	358.43	\$	398.86

Reporting Components Required by D.13-09-044

October 1, 2017 - December 31, 2017

June	\$ 398.86	\$ 441.40
July	\$ 441.40	\$ 482.56
August	\$ 482.56	\$ 525.11
September	\$ 525.11	\$ 567.67
October	\$ 567.67	\$ 608.85
November	\$ 608.85	\$ 691.14
December	\$ 691.14	\$ 691.25

<u>Southern California Edison Holding Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2015</u>		
August	\$ -	\$ 250,000.00
September	\$ 250,000.00	\$ 250,003.42
October	\$ 250,003.42	\$ 250,007.53
November	\$ 250,007.53	\$ 250,011.78
December	\$ 250,011.78	\$ 250,015.89
<u>2016</u>		
January	\$ 250,015.89	\$ 250,020.14
February	\$ 250,020.14	\$ 250,039.68
March	\$ 250,039.68	\$ 250,059.49
April	\$ 250,059.49	\$ 250,080.67
May	\$ 250,080.67	\$ 150,101.17
June	\$ 150,101.17	\$ 122.08
July	\$ 122.08	\$ 142.58
August	\$ 142.58	\$ 163.78
September	\$ 163.76	\$ 184.94
October	\$ 184.94	\$ 205.45
November	\$ 205.45	\$ 226.64
December	\$ 226.64	\$ 247.15
<u>2017</u>		
January	\$ 247.15	\$ 268.34
February	\$ 268.34	\$ 299.53
March	\$ 299.53	\$ 328.33
April	\$ 328.33	\$ 360.22
May	\$ 360.22	\$ 400.66
June	\$ 400.66	\$ 443.19

Reporting Components Required by D.13-09-044

October 1, 2017 - December 31, 2017

July	\$	443.19	\$	484.36
August	\$	484.36	\$	526.88
September	\$	526.88	\$	569.42
October	\$	569.42	\$	610.56
November	\$	610.56	\$	692.08
December	\$	692.08	\$	692.81

Monthly Summary of IOU REEL Program Accounts

Southern California Gas REEL Program Account Monthly Balance		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2016</u>		
May	\$ -	\$ 100,000.00
June	\$ 100,000.00	\$ 250,000.00
July	\$ 250,000.00	\$ 249,399.40
August	\$ 249,399.40	\$ 249,399.40
September	\$ 249,399.40	\$ 249,399.40
October	\$ 249,399.40	\$ 248,659.83
November	\$ 248,659.83	\$ 248,437.22
December	\$ 248,437.22	\$ 248,437.22
<u>2017</u>		
January	\$ 248,437.22	\$ 246,620.70
February	\$ 246,620.70	\$ 246,620.70
March	\$ 246,620.70	\$ 246,186.34
April	\$ 246,186.34	\$ 245,014.84
May	\$ 245,014.84	\$ 245,014.84
June	\$ 245,014.84	\$ 242,757.88
July	\$ 242,757.88	\$ 242,656.53
August	\$ 242,656.53	\$ 236,868.93
September	\$ 236,868.93	\$ 236,868.93
October	\$ 326.868.93	\$ 232,970.00
November	\$ 232,970.00	\$ 224,468.04
December	\$ 224,468.04	\$ 0.00

Reporting Components Required by D.13-09-044

October 1, 2017 - December 31, 2017

<u>Pacific Gas & Electric REEL Program Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2016</u>		
May	\$ -	\$ 100,000.00
June	\$ 100,000.00	\$ 250,000.00
July	\$ 250,000.00	\$ 250,000.00
August	\$ 250,000.00	\$ 250,000.00
September	\$ 250,000.00	\$ 250,000.00
October	\$ 250,000.00	\$ 250,000.00
November	\$ 250,000.00	\$ 250,000.00
December	\$ 250,000.00	\$ 250,000.00
<u>2017</u>		
January	\$ 250,000.00	\$ 250,000.00
February	\$ 250,000.00	\$ 250,000.00
March	\$ 250,000.00	\$ 249,186.77
April	\$ 249,186.77	\$ 249,186.77
May	\$ 249,186.77	\$ 246,186.77
June	\$ 246,186.77	\$ 233,206.42
July	\$ 233,206.42	\$ 224,008.22
August	\$ 224,008.22	\$ 217,559.13
September	\$ 217,559.13	\$ 197,932.64
October	\$ 197,932.64	\$ 179,179.54
November	\$ 179,179.54	\$ 171,217.12
December	\$ 171,217.12	\$ 0.00

<u>San Diego Gas & Electric REEL Program Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2016</u>		
May	\$ -	\$ 100,000.00
June	\$ 100,000.00	\$ 250,000.00
July	\$ 250,000.00	\$ 250,000.00
August	\$ 250,000.00	\$ 250,000.00
September	\$ 250,000.00	\$ 250,000.00
October	\$ 250,000.00	\$ 250,000.00
November	\$ 250,000.00	\$ 250,000.00

Reporting Components Required by D.13-09-044

October 1, 2017 - December 31, 2017

December	\$ 250,000.00	\$ 250,000.00
<u>2017</u>		
January	\$ 250,000.00	\$ 250,000.00
February	\$ 250,000.00	\$ 247,520.27
March	\$ 247,520.27	\$ 247,520.27
April	\$ 247,520.27	\$ 244,825.27
May	\$ 244,825.27	\$ 239,579.70
June	\$ 239,579.70	\$ 236,631.37
July	\$ 236,631.37	\$ 229,776.68
August	\$ 229,776.68	\$ 224,047.92
September	\$ 224,047.92	\$ 209,738.24
October	\$ 209,738.24	\$ 209,738.24
November	\$ 209,738.24	\$ 206,979.92
December	\$ 206,979.92	\$ 0.00

Southern California Edison REEL Program Account Monthly Balance

	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2016</u>		
May	\$ -	\$ 100,000.00
June	\$ 100,000.00	\$ 250,000.00
July	\$ 250,000.00	\$ 248,424.25
August	\$ 248,424.25	\$ 248,424.25
September	\$ 248,424.25	\$ 247,501.90
October	\$ 247,501.90	\$ 245,241.47
November	\$ 245,241.47	\$ 244,131.10
December	\$ 244,131.10	\$ 244,131.10
<u>2017</u>		
January	\$ 244,131.10	\$ 240,667.84
February	\$ 240,667.84	\$ 240,667.84
March	\$ 240,667.84	\$ 237,994.26
April	\$ 237,994.26	\$ 233,665.76
May	\$ 233,665.76	\$ 233,665.76
June	\$ 233,665.76	\$ 231,000.55
July	\$ 231,000.55	\$ 229,818.97
August	\$ 229,818.97	\$ 228,828.00
September	\$ 228,828.00	\$ 214,634.87

Reporting Components Required by D.13-09-044

October 1, 2017 - December 31, 2017

October	\$ 214,634.87	\$ 200,910.30
November	\$ 200,910.30	\$ 190,746.43
December	\$ 190,746.43	\$ 0.00

REEL Program Account Monthly Balance		
	Beginning Monthly Balance	Ending Monthly Balance
2017		
December	\$ 0.00	\$ 779,791.38

Monthly Summary of IOU REEL Reservation Accounts

Southern California Edison REEL Reservation Account Monthly Balance		
	Beginning Monthly Balance	Ending Monthly Balance
2017	-	-
June	\$ -	\$ 1,510.21
July	\$ 1,510.21	\$ 838.55
August	\$ 838.55	\$ 838.55
September	\$ 838.55	\$ 838.55
October	\$ 838.55	\$ 838.55
November	\$ 838.55	\$ 838.55
December	\$ 838.55	\$ 0.00

Southern California Gas REEL Reservation Account Monthly Balance		
	Beginning Monthly Balance	Ending Monthly Balance
2017	-	-
June	\$ -	\$ 2,256.96
July	\$ 2,256.96	\$ 1,257.83
August	\$ 1,257.83	\$ 1,257.83
September	\$ 1,257.83	\$ 1,257.83
October	\$ 1,257.83	\$ 1,257.83
November	\$ 1,257.83	\$ 1,257.83
December	\$ 1,257.83	\$ 0.00

Reporting Components Required by D.13-09-044

October 1, 2017 - December 31, 2017

<u>REEL Reservation Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2017</u>		
December	\$ 0.00	\$ 2,096.38

Monthly Summary of IOU Loan Loss Reserve Accounts organized by Lender

California Coast Credit Union

<u>California Coast Credit Union Southern California Gas Loan Loss Reserve Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2017</u>		
January	\$ -	\$ 1,816.52
February	\$ 1,816.52	\$ 1,816.52
March	\$ 1,816.52	\$ 2,250.88
April	\$ 2,250.88	\$ 2,250.88
May	\$ 2,250.88	\$ 2,250.88
June	\$ 2,250.88	\$ 2,250.88
July	\$ 2,250.88	\$ 2,352.23
August	\$ 2,352.23	\$ 8,139.83
September	\$ 8,139.83	\$ 8,139.83
October	\$ 8,139.83	\$ 10,804.57
November	\$ 10,804.57	\$ 12,427.05
December	\$ 12,427.05	\$ 0.00

<u>California Coast Credit Union Pacific Gas & Electric Loan Loss Reserve Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2017</u>		
March	\$ -	\$ 813.23
April	\$ 813.23	\$ 813.23
May	\$ 813.23	\$ 3,813.23
June	\$ 3,813.23	\$ 16,793.58
July	\$ 16,793.58	\$ 25,991.78
August	\$ 25,991.78	\$ 32,440.87

Reporting Components Required by D.13-09-044

October 1, 2017 - December 31, 2017

September	\$ 32,440.87	\$ 51,228.41
October	\$ 51,228.41	\$ 68,826.46
November	\$ 68,826.46	\$ 75,767.08
December	\$ 75,767.08	\$ 0.00

California Coast Credit Union San Diego Gas & Electric Loan Loss Reserve Account Monthly Balance

	Beginning Monthly Balance	Ending Monthly Balance
<u>2017</u>		
February	\$ -	\$ 2,479.73
March	\$ 2,479.73	\$ 2,479.73
April	\$ 2,479.73	\$ 2,479.73
May	\$ 2,479.73	\$ 7,725.30
June	\$ 7,725.30	\$ 10,673.63
July	\$ 10,673.63	\$ 17,528.32
August	\$ 17,528.32	\$ 23,257.08
September	\$ 23,257.08	\$ 36,780.70
October	\$ 36,780.70	\$ 36,780.70
November	\$ 36,780.70	\$ 39,539.02
December	\$ 39,539.02	\$ 0.00

California Coast Credit Union Southern California Edison Loan Loss Reserve Account Monthly Balance

	Beginning Monthly Balance	Ending Monthly Balance
<u>2017</u>		
January	\$ -	\$ 3,463.26
February	\$ 3,463.26	\$ 3,463.26
March	\$ 3,463.26	\$ 6,136.84
April	\$ 6,136.84	\$ 6,136.84
May	\$ 6,136.84	\$ 6,136.84
June	\$ 6,136.84	\$ 6,136.84
July	\$ 6,136.84	\$ 7,318.42
August	\$ 7,318.42	\$ 8,309.39
September	\$ 8,309.39	\$ 16,562.94
October	\$ 16,562.94	\$ 26,653.07
November	\$ 26,653.07	\$ 30,736.73

Reporting Components Required by D.13-09-044

October 1, 2017 - December 31, 2017

December	\$	30,736.73	\$	0.00
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<u>REEL California Coast Credit Union Loss Reserve Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2017</u>		
December	\$	0.00
	\$	167,144.01

Matadors Credit Union

<u>Matadors Southern California Gas Loan Loss Reserve Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2016</u>		
July	\$	-
August	\$	600.60
September	\$	600.60
October	\$	600.60
November	\$	1,340.17
December	\$	1,340.17
<u>2017</u>		
January	\$	1,340.17
February	\$	1,340.17
March	\$	1,340.17
April	\$	1,340.17
May	\$	2,511.67
June	\$	2,511.67
July	\$	2,511.67
August	\$	3,510.80
September	\$	3,510.80
October	\$	3,510.80
November	\$	4,744.99
December	\$	4,744.99
	\$	11,624.47
	\$	11,624.47
	\$	0.00

Reporting Components Required by D.13-09-044

October 1, 2017 - December 31, 2017

<u>Matadors Southern California Edison Loan Loss Reserve Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2016</u>		
July	\$ -	\$ 1,575.75
August	\$ 1,575.75	\$ 1,575.75
September	\$ 1,575.75	\$ 2,498.10
October	\$ 2,498.10	\$ 4,758.53
November	\$ 4,758.53	\$ 4,758.53
December	\$ 4,758.53	\$ 4,758.53
<u>2017</u>		
January	\$ 4,758.53	\$ 4,758.53
February	\$ 4,758.53	\$ 4,758.53
March	\$ 4,758.53	\$ 4,758.53
April	\$ 4,758.53	\$ 9,087.03
May	\$ 9,087.03	\$ 9,087.03
June	\$ 9,087.03	\$ 9,087.03
July	\$ 9,087.03	\$ 9,758.69
August	\$ 9,758.69	\$ 9,758.69
September	\$ 9,758.69	\$ 11,444.66
October	\$ 11,444.66	\$ 12,627.97
November	\$ 12,627.97	\$ 18,708.63
December	\$ 18,708.63	\$ 0.00

<u>Matadors San Diego Gas and Electric Loan Loss Reserve Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2017</u>		
April	\$ -	\$ 2,695.00
May	\$ 2,695.00	\$ 2,695.00
June	\$ 2,695.00	\$ 2,695.00
July	\$ 2,695.00	\$ 2,695.00
August	\$ 2,695.00	\$ 2,695.00
September	\$ 2,695.00	\$ 3,481.06
October	\$ 3,481.06	\$ 3,481.06
November	\$ 3,481.06	\$ 3,481.06
December	\$ 3,481.06	\$ 0.00

Reporting Components Required by D.13-09-044

October 1, 2017 - December 31, 2017

<u>REEL Matadors Loss Reserve Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2017</u>		
December	\$ 0.00	\$ 40,928.91

Valley Oak Credit Union

<u>Valley Oak Southern California Gas Loan Loss Reserve Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2016</u>		
November	\$ -	\$ 222.61
December	\$ 222.61	\$ 222.61
<u>2017</u>		
January	\$ 222.61	\$ 222.61
February	\$ 222.61	\$ 222.61
March	\$ 222.61	\$ 222.61
April	\$ 222.61	\$ 222.61
May	\$ 222.61	\$ 222.61
June	\$ 222.61	\$ 222.61
July	\$ 222.61	\$ 222.61
August	\$ 222.61	\$ 222.61
September	\$ 222.61	\$ 222.61
October	\$ 222.61	\$ 222.61
November	\$ 222.61	\$ 222.61
December	\$ 222.61	\$ 0.00

<u>Valley Oak Southern California Edison Loan Loss Reserve Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2016</u>		
November	\$ -	\$ 1,110.37
December	\$ 1,110.37	\$ 1,110.37
<u>2017</u>		
January	\$ 1,110.37	\$ 1,110.37
February	\$ 1,110.37	\$ 1,110.37

Reporting Components Required by D.13-09-044

October 1, 2017 - December 31, 2017

March	\$ 1,110.37	\$ 1,110.37
April	\$ 1,110.37	\$ 1,110.37
May	\$ 1,110.37	\$ 1,110.37
June	\$ 1,110.37	\$ 2,265.37
July	\$ 2,265.37	\$ 2,265.37
August	\$ 2,265.37	\$ 2,265.37
September	\$ 2,265.37	\$ 5,070.37
October	\$ 5,070.37	\$ 5,070.37
November	\$ 5,070.37	\$ 5,070.37
December	\$ 5,070.37	\$ 0.00

REEL Valley Oak Credit Union Loss Reserve Account Monthly Balance

	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2017</u>		
December	\$ 0.00	\$ 5,292.98

Desert Valleys Credit Union

Desert Valleys Pacific Gas & Electric Loan Loss Reserve Account Monthly Balance

	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2017</u>		
September	\$ 0.00	\$ 876.60
October	\$ 876.60	\$ 876.60
November	\$ 876.60	\$ 876.60
December	\$ 876.60	\$ 0.00

Desert Valleys Southern California Edison Loan Loss Reserve Account Monthly Balance

	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2017</u>		
September	\$ 0.00	\$ 1,448.61
October	\$ 1,488.61	\$ 3,899.74
November	\$ 3,899.74	\$ 3,899.74
December	\$ 3,899.74	\$ 0.00

Reporting Components Required by D.13-09-044

October 1, 2017 - December 31, 2017

<u>REEL Desert Valleys Loss Reserve Account Monthly Balance</u>		
	<u>Beginning Monthly Balance</u>	<u>Ending Monthly Balance</u>
<u>2017</u>		
December	\$ 0.00	\$ 4,776.34