

SCE's 2015-2017 ESA/CARE Program Application

California Public Utilities Commission
All Party Meeting
February 19, 2015

Today's Topics

- **Overview of SCE's ESA and CARE Request**
- **New Measures / Retired Measures**
- **Water-Energy Nexus & Drought**
- **Marketing and Outreach Strategies**
 - LifeLine Providers
 - Tribal Governments
 - Local Governments
 - CBOs

Overview of SCE's ESA and CARE Request

(\$ in million)

	<u>Forecast</u> 2014	<u>Actual</u> 2014*	2015	<u>Forecast</u> 2016	2017
ESA					
- Budget	\$72.7	\$54.1	\$77.1	\$62.4	\$62.5
- Homes Treated	87,389	76,753	87,389	54,000	54,000
- kWh Savings (annual)	33,504,938	32,331,693	36,221,162	30,881,957	30,881,957
CARE					
- Budget (Administration)	\$7.0	\$5.1	\$7.6	\$8.2	\$8.2
- Subsidy	\$416.8	\$386.1	\$441.9	\$457.9	\$482.4
- Participants (year-end)	1,473,330	1,311,210	1,308,267	1,311,073	1,310,774

* Estimate – Final numbers will be filed in May 1, 2015 Annual Report

New Measures / Retired Measures

- **SCE proposes the following new ESA measures beginning in 2016:**
 - LED A-Lamps
 - LED Reflector Downlights
 - Efficient Fan Control for Central Air Conditioners
 - 2nd Refrigerators and replacement of refrigerators more than 15 years old
 - Thermostat-Controlled Shower Valve

- **SCE proposes to retire the following measure beginning in 2016:**
 - Spiral CFLs

Water-Energy Nexus & Drought

- **Continue to offer existing ESA water saving measures in homes with electric water heating:**
 - Faucet aerators
 - Low-flow showerheads
 - Water heater blankets / water heater pipe wrap
- **Offer new measure and improved energy education:**
 - Thermostat-Controlled Shower Valve
 - Leverage in-home energy education to provide water-savings tips and information on other programs
 - Promote www.saveourh20.org

Water-Energy Nexus & Drought (continued)

- **Participation in water-energy nexus Rulemaking**

- Active in Water-Energy Program Coordination Group, consisting of electric, gas, water, and wastewater utilities / agencies, and others
 - Examine cost-effectiveness of water-energy measures
 - Provide input on a framework for future water-energy programs

- **Stakeholder Outreach**

- SCE sought input from CBOs, water agencies, CSD, and the other IOUs in developing its Application
- SCE examined best practices of the American Water Works Association, MWD, California Urban Water Agencies, the Alliance for Water Efficiency, and others

Marketing and Outreach Strategies

- **LifeLine Providers**

- Partner with the California mobile phone program to reach potential CARE customers
- Messaging to Smart Phones of California LifeLine Program participants to encourage ESA and CARE participation

- **Local Governments**

- SCE will continue its participation in community events and community forums targeting ethnic populations to inform customers about ESA and CARE

Marketing and Outreach Strategies (Continued)

- **CBOs**

- Continue partnership with CBOs to assess and enroll ESA participants
- Continue partnership with CBOs to install ESA measures
- Continue CARE capitation program with CBOs and local agencies
- Work with CBOs to support community-based outreach campaigns
- Partner with one or more CBOs in the Central Valley to build trust and increase participation
- Partner with CBOs to improve worker training

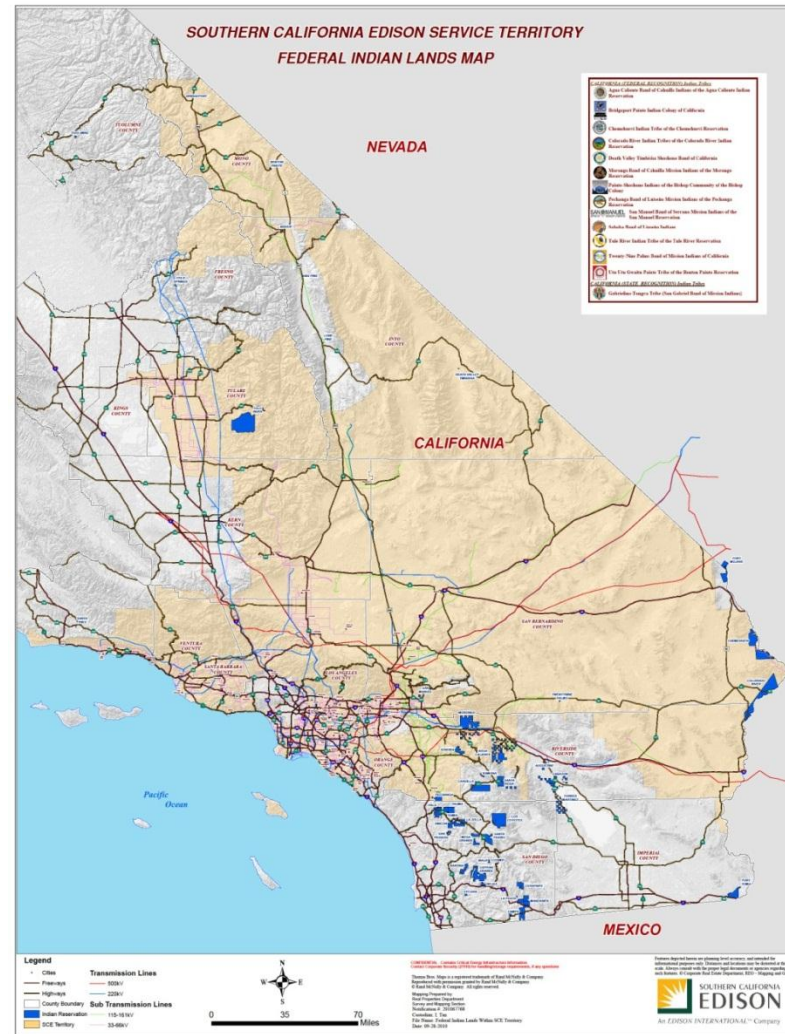
Marketing and Outreach Strategies (Continued)

● Tribal Governments in SCE's Service Territory

- Agua Caliente Band of Cahuilla Indians
- Benton Paiute Tribe
- Bishop Paiute Tribe
- Bridgeport Paiute Indian Colony
- Chemehuevi Indian Tribe
- Colorado River Indian Tribes
- Death Valley Timbisha Shoshone Tribe
- Morongo Band of Mission Indians
- Pechanga Band of Luiseño Indians
- San Manuel Band of Mission Indians
- Soboba Band of Luiseño Indians
- Tule River Indian Tribe
- Twenty-Nine Palms Band of Mission Indians

SCE Tribal Community

- 13 Tribal Nations
- Tribal Organizations
- Tribal and Indian Owned Businesses
- Native Community



Building Relationships with Tribes

- Tribal relations are handled through Local Public Affairs' designated Tribal Liaison position
- Common issues include:
 - Access to Tribal Lands
 - Service and Reliability
 - Ensuring tribal input given early in planning process
 - Interaction with Bureau of Indian Affairs
 - Educating Employees
 - Charitable
 - Taxation Issues
 - Business Partnerships
 - Tariffs (e.g. CARE and FERA)
 - Residential and Commercial Energy Efficiency (e.g. ESA)
- SCE website:
 - on.sce.com/tribalcommunities

SCE Tribal Energy Roadmap

Your Business's Energy Plan:



SOUTHERN CALIFORNIA
EDISON
AN EDISON INTERNATIONAL® Company

SOUTHERN CALIFORNIA
EDISON
AN EDISON INTERNATIONAL® Company

Take Your Next Step Toward Energy Savings

Contact Your Account Manager Or
Visit on.sce.com/tribalcommunities





Navigate Your Way to Successful Energy Savings




1. For complete terms and conditions, go to on.sce.com/tribalcommunities.
 2. The maximum savings incentive is limited to one central air conditioning unit installed in this program from June 1 to October 1. Maximum credit available is subject to certain maximum usage measurements and only to certain air conditioning savings. Participation in Summer Advantage Incentive Program requires installation of a smart thermostat through a participating contractor. The program is not available for air conditioning with existing smart thermostats, equipment installed, or an already existing full replacement. SCE is not responsible for any issues associated with participating contractor installation. See on.sce.com/tribalcommunities for a complete list of terms and conditions of service. This program is for the California Edison service area and is not available in the service areas of the California Edison utility companies.
 3. Under SCE's Net Energy Metering Rate Schedule, the system must meet program requirements. Please refer to the tariffs for a complete list of terms and conditions of service, which will be revised from time to time.
 4. Budget Assistant alerts are a free service. However, you may incur fees for video or text alerts as applicable through your mobile service provider.
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Saving Energy: A Step-By-Step Guide for Sovereign States' Businesses

Operating a tribal nation's business has a unique set of challenges, but there are a few things you can do to make sure your energy expenses don't become one of them—and we'd like to help.

With insights gained through working with the Native American Alliance, a Southern California Edison (SCE) employee-based fundraising group representing 17 tribes, we've put together a plan to help empower business owners like you take the first step toward making your business more energy efficient.

Since energy is something that can't be seen, it can be hard to visualize where potential savings may lie. But with our help, many business owners operating in sovereign states are finding ways to conserve energy and create a path to a better future for Southern California. We hope you will, too.






STEP 2
Increase Efficiency

Once you know how your business consumes energy, you're just about ready to head down the path to optimizing your energy use while earning bill credits that can lower your electricity bill.

Express Solutions
A great way to get started is by upgrading your equipment to more efficient options. Express Solutions can pay up to 100% of the project's cost for qualified improvements to lighting, climate control, office equipment, refrigeration, food-service equipment, and water heating—and you'll see energy savings for years to come.¹

Customized Solutions
When your business is ready to make larger energy-efficiency upgrades, Customized Solutions may help. It can pay up to 50% of your project's costs—including labor, materials, and equipment—with incentives based on the energy kWh and demand (kW) savings your business makes.¹

Are You Eligible?
Before moving forward, contact your SCE Account Manager. They can review all available energy-saving incentives before you make a purchase or hire a contractor.




STEP 3
Reduce Demand

On this leg of your journey, you can explore ways to earn bill credits for reducing your business's energy use.

Summer Discount Plan (SDP)
Summertime usually means higher temperatures and rising energy usage. However, you can earn bill credits of up to \$250¹ per unit by allowing us to temporarily turn off or cycle your central A/C compressor(s) during peak periods.

Time-Of-Use Base Interruptible Program (TOU-BIP)
If your business has some operational flexibility, enrolling in the Time-Of-Use Base Interruptible Program could earn you valuable bill credits for reducing your energy use during times of critical need.

Demand Bidding Program (DBP)
Should you wish to take a more proactive approach, this route allows you to place bids on a daily or monthly basis for the amount of energy you can reduce when a Demand Bidding Program event is called and rewards you in bill credits.




STEP 5
Stay Informed


If making energy-efficiency improvements to your business isn't currently on your list, we can offer tips, guides, and other resources that can help you reduce your monthly utility bill and keep you informed.

Budget Assistant
Managing your energy spending is simple with our easy-to-use Budget Assistant tool. Just set a spending goal. We will track your costs online in close to real time and send you alerts (email, phone, or text) on how your projected bill compares to that goal.²

SCE Outage Center App
In the event that a power outage occurs, you can stay safe and informed with the SCE Outage Center app. Use your mobile phone to report outages, view outage locations, and find out when your service may be restored.

on.sce.com/tribalcommunities
Whether you're just getting started or already have an energy savings plan in place, visit the tribal communities Web page to get more detailed information on how SCE can help your business become more energy efficient.







STEP 1
Analyze Your Power

It all begins by understanding how your business currently uses energy and developing a strategy to better manage your usage. Once a plan is in place, it will work behind the scenes to help make your business more energy efficient, and help save you time, money, and resources.

Business Energy Advisor
The first step is an in-depth analysis of your energy use. Business Energy Advisor can provide insights on building equipment efficiency and custom energy-reducing recommendations for your business when you schedule your free personalized energy consultation.

My Account
Once you've established a plan, using the online portal My Account can help you stay on track. At any time, you'll be able to keep track of your business's energy savings progress, view and pay your bills online, get a glimpse at upcoming projected bills, and plan your usage to optimize savings.





STEP 4
Make Your Power

Now it's time to let electricity work for you. Not only will the following earth-friendly incentives provide you with rebates and credits, they'll help us create a more sustainable future for Southern California.

The California Solar Initiative
Take advantage of the California sunshine with this statewide initiative. It provides you with rebates for installing any qualifying solar generating system at your business.

Net Energy Metering
If you produce your own electricity and have eligible renewable energy generation systems connected to SCE's system, you may be eligible for a rate option called Net Energy Metering (NEM). The NEM option allows you to receive a credit for the surplus electricity you supply to the electric grid. This credit will then be applied to your energy bill to offset all or part of the costs associated with the energy you consume each month³

Take Your Next Step Toward Energy Savings

Contact Your Account Manager
Or Visit on.sce.com/tribalcommunities

SCE Tribal Community Resource Guide



Community Resource Guide



Never Underestimate the Power of Community

Your Best Advantage Is Knowing Your Options

If you're facing difficulties balancing your energy needs and household costs, Southern California Edison (SCE) provides assistance and resources that can help. Take a look at the programs SCE offers to help reduce your monthly energy costs, as well as the programs the government offers to help you manage your budget more effectively. For more information about the various programs SCE offers and eligibility requirements, refer to the contact information provided with each listing.

Assistance & Resources

Discounted Rate Programs **1-800-798-5723**

We have two programs designed to help eligible individuals and families who may need support meeting their energy costs. The **California Alternate Rates for Energy (CARE)** program may provide a discount of approximately 30% on your energy bill, while our **Family Electric Rate Assistance (FERA)** plan offers a discount on electric bills if you have three or more people in your household and you exceed your baseline electricity usage by more than 30%.

Energy Assistance Fund **1-800-205-8596**

If you're struggling to pay your bills and you meet the eligibility requirements, the Energy Assistance Fund can help. Based on the actual amount of money you owe, this program could provide you with a one-time supplement of up to \$100 every 12 months toward the payment of your energy bill.

Medical Baseline **1-800-684-8123**

If you depend on electrically-powered medical equipment or have specific medical conditions, we may provide you with an additional baseline energy allowance to help manage your energy costs.

Level Pay Plan **1-800-434-2365**

Your monthly budget is easy to stick to when you let us divide your annual energy charges into equal monthly payments. With this plan, you'll know how much money to budget.

Payment Arrangements & Extensions **1-800-655-4555**

We understand there are times when you're not able to pay your current bill in full. If you find yourself in this situation, contact us so we can discuss a payment extension or a more flexible payment plan that works for you.

Energy Savings Assistance Program **1-800-736-4777**

This program can help you lower your energy costs by replacing your current household refrigerator, cooling system and lighting with more energy-efficient models.*

Budget Assistant

Set an energy-spending goal and stay on track with this free tool that will help you avoid high-bill surprises and stay within budget.



General Questions and Information

Visit sce.com/billhelper or call:

English 1-800-655-4555
Spanish 1-800-441-2233

Government & Community Programs

These community, county and government plans are here to assist you and your family. In addition, our partnership with the American Red Cross offers emergency training that can make an important difference in a crisis situation.



Low Income Home Energy Assistance Program **1-866-675-6623** csd.ca.gov

If you qualify, you can receive financial assistance to offset energy costs or have your home weatherized through the Home Energy Assistance Program.

CalFresh Program **1-877-847-3663** calfresh.ca.gov

The CalFresh Program supplements your food budget by offering monthly benefits through an electronic card. Use the card to purchase food at participating stores. Certain qualifications are required.

Social Security Administration **1-800-722-1213** socialsecurity.gov

Social Security Administration programs are a great resource for qualified customers, helping with retirement planning, Medicare prescriptions and financial assistance.

American Red Cross **1-800-725-2842** preparesocal.org

We're partnering with the American Red Cross to increase emergency preparedness throughout Southern California. Our joint effort, PrepareSoCal, will help save lives by teaching people how to stay safe and how to respond to emergencies.

Dial 2-1-1 for Free Help



2-1-1 is a free, confidential phone service available 24/7 to assist you and your family during emergencies and with everyday needs. Services vary by community, but the list below gives a well-rounded sampling of the help that may be available to you:

- Financial/Public Assistance Programs
- Housing Assistance/Emergency Shelter Programs
- Parenting Resources
- Mental Health Services
- Legal Services
- Food Bank/Hot Meal Center Information
- Employment Services
- Transportation Services

*For the Energy Savings Assistance Program, not all services may be available in all areas, and a co-payment may be required in some instances.

Funding for these programs is provided on a first-come, first-served basis and is subject to change without notice. This information is provided for information purposes only. The 2-1-1 service is not available in all communities in California as of 2009. SCE does not endorse and is not a participating agent in these programs.

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Appendix

Organization of Application

Exhibit 1

Policy & Ratemaking Proposal

Legislative Background

Policy Considerations

Ratemaking Proposal

Exhibit 2

Energy Savings Assistance (ESA) Program Plan

Water Saving Measures

Willingness to Participate (WTP)

Multifamily Sector

Program Rules
Modifications

Workforce, Education & Training (WE&T)

Cost Effectiveness

Exhibit 3

California Alternative Rates for Energy (CARE) Program Plan

CARE Penetration

High Use Verifications

CHANGES

Cool Centers

Key ESA Program Issues

- **Willingness to Participate**
 - The 2013 Low Income Needs Assessment estimates 48% of remaining non-participants are unwilling to participate

- **Three Measure Minimum Rule**
 - SCE is currently required to meet 3 measure minimum rule (or meet minimum 125 kWh energy savings for 1 or 2 measures) in order to treat a home
 - SCE proposes to eliminate the rule to enable us to provide simple to install measures at the time of assessment, even if a customer is not eligible for other measures
 - SCE's funding request assumes revision of this rule

- **Multifamily Measures**
 - D.14-08-030 requires the IOUs to propose common area measures for eligible and willing MF properties via the ESA Program
 - SCE proposes to leverage existing MF EE rebate programs in close coordination with ESA to serve multifamily building owners, offering installation services through a single point of contact

Key ESA Program Issues (Continued)

- **Workforce, Education, and Training (WE&T)**
 - The WE&T consultant recommends adopting a wage-floor or prevailing wages for ESA Program contractors, among other items. The CPUC has asked the IOUs to provide cost data for wage floors/prevaling wage in the Application
 - SCE opposes the wage floor recommendation due to increased costs, and lower cost- effectiveness
 - SCE proposes moving forward with other recommendations, (“First Source” hiring requirement and career pipeline training partnership in Central Valley)

- **Mid-Cycle Measure Addition**
 - SCE proposes an advice letter process describing measures & funding source to introduce new measures mid-cycle for added flexibility

- **Drought/Water Issues**
 - SCE proposes to continue/introduce water savings measures, and enhance energy education to provide customers with resources on water agency incentives, water conservation tips, etc.

Key CARE Program Issues

- **CARE Penetration**

- SCE's plans to maintain at least an 85% CARE penetration rate. SCE is currently at 87%

- **Higher budget for income verification and outreach**

- Per D.12-08-044, SB 1207, Advice 2814-E, and Advice 2936-E-A, SCE increased verification rates from 1% to 7% (including high usage) from 2011 to 2014, which decreased participation
- Given attrition due to increased verification, SCE is proposing more outreach

- **Cool Center Strategy**

- SCE contracted directly with providers to operate 4 Cool Centers in 2014
- D.14-08-030 did not authorize bridge funding for 2015
- SCE proposes to move to SDG&E/PG&E modified model leveraging county-run centers and increasing awareness of those centers, and continuing a \$100,000 annual budget