County of Los Angeles
INTERNAL SERVICES DEPARTMENT
1100 North Eastern Avenue
Los Angeles, California 90063

DAVE CHITTENDEN
Chief Deputy Director

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"To enrich lives through effective and caring service"

June 22, 2016

To: Supervisor Hilda L. Solis, Chair
Supervisor Mark Ridley-Thomas
Supervisor Sheila Kuehl
Supervisor Don Knabe
Supervisor Michael D. Antonovich

From: Dave Chittenden
Chief Deputy Director

BOARD MOTION OF MAY 24, 2016, ITEM 15 - ACTIONS BY INTERNAL SERVICES DEPARTMENT AND OFFICE OF EMERGENCY MANAGEMENT TO ENCOURAGE ENERGY CONSERVATION AND MITIGATE IMPACTS OF POTENTIAL ENERGY CURTAILMENTS

As directed by your Board on May 24, 2016, the Internal Services Department, in coordination with the Office of Emergency Management, provides this report which summarizes actions taken to date and the planned activities of both organizations to mitigate potential energy supply constraints and their negative impacts.

Background

The State's energy regulatory agencies have warned that the Southern California region may be subject to potential electricity supply interruptions as a result of lack of natural gas supplies to the region's electric generating stations.

As a result of this, at the May 24, 2016 Board meeting, your Board directed the following:

1. The Internal Services Department (ISD), in coordination with the Office of Emergency Management (OEM), to collaborate with the California Public Utilities Commission (CPUC), California Independent System Operator (ISO), Investor Owned Utilities and affected Public Utilities, to prepare an energy conservation education and engagement campaign targeted to local governments and other stakeholders appropriately timed in anticipation of potential energy supply constraints, consisting of multilingual and culturally-appropriate messaging to ensure the most disadvantaged community members are reached and afforded access to additional resources and programs, including rebates and other forms of relief, to help communities achieve measurable energy reductions.

2. ISD and OEM to prepare a comprehensive program to promote near-term energy conservation by expediting public facility retrofit projects targeting an ambitious goal of 20 million kWh annual savings by December 31, 2016.

3. ISD and OEM to prepare a contingency plan to mitigate potential impacts of rotating outages on Southern California communities with a focus on vulnerable populations

4. ISD and OEM to report back to the Board in 30 days with a consolidated summary of efforts taken to date and planned activities in accordance with this directive.

5. The Chief Executive Officer to ensure that any necessary technical support resources required in order to facilitate this effort are allocated in a timely manner.

6. (ISD to) prepare a five-signature letter urging CPUC to direct SoCalGas to maintain close coordination with the Southern California Regional Energy Network (SoCalREN) on a local government community engagement campaign, to provide appropriate supplemental funding for these expanded SoCalREN activities.

Two main programs that respond directly to the Board's concerns and directives are underway and are described below.

Southern California Energy Conservation Campaign

The CPUC has authorized the Gas Company (Gas Co., or SoCalGas) to spend up to $11 million to coordinate, plan and deliver a comprehensive program (Campaign) to provide marketing, education and outreach activities this summer and winter around the need to conserve electricity and natural gas.

The Campaign includes the creation of an Advisory Group to provide input and recommendations on key elements of the campaign. Advisory Group members include investor-owned and public-owned electric utilities, the CPUC, the California Energy Commission (CEC), the ISO, key local governments, and the SoCalREN. The CEO-OEM also participates on the Energy Conservation Campaign Advisory Group as one of the local government representatives. The Advisory Group is currently developing strategies to deliver the following outcomes:

- Employ ethnic, multilingual advertising targeting hard-to-reach customers.

- Deploy highly-targeted messaging to specific audience segments including diverse tactics including: social media, digital ads, radio, and local community newspapers.

- Launch a unique website to serve as a content hub for information about conservations, with printable fact sheets and other relevant content and links to other energy partners' websites.

- Leverage a network of Community Based Organizations (CBOs) as an integral channel to educate, distribute collateral materials, and enhance a call-to-action in communities they serve.

The Campaign will also fund the State's recognized "Flex Alert" program which will provide local messaging and "Flex Alert" notifications calling for consumer actions under pending and actual electric supply interruptions.

Additionally the Campaign will implement actions to encourage and implement near-term energy efficiency projects throughout the region, including:

- Acceleration of large commercial and industrial energy efficiency project upgrades.

- Greater emphasis on joint energy/water efficiency initiatives.

- Implementation of new energy efficiency programs (e.g., no-cost efficiency upgrades for small business customers).

- Enhancement to existing SCE and Gas Co. low-income household efficiency and weatherization programs.

The SoCalREN was authorized by the CPUC as an independent administrator of energy efficiency programs in the southern California region with ISD's County Office of Sustainability (COS) serving as the administrator of the SoCalREN. SoCalREN provides programs which directly support residential, non-residential, private and public sector building owners. SoCalREN also engages directly with local governments and CBOs to encourage and enhance energy efficiency participation.

The Gas Co. has included the SoCalREN in the Southern California Energy Conservation Campaign Advisory Group and COS will take the following actions:

- On Board direction 1), COS will ensure the Board's messaging is included in the Campaign. On May 23, 2016, the Gas Co. sent a letter (after observing the agenda for the May 24, 2016 Board meeting) to the Board of Supervisors confirming SoCalREN's role in the Advisory Group and acknowledging the Board's concerns. That letter is included as Attachment 1.

- On Board direction 2), COS will work with the Advisory Group to enhance programs (in addition to those listed above) that encourage energy retrofit projects

that are directly administered by the SoCalREN. On April 6, 2016, COS sent a letter (Attachment 2) to the CPUC indicating where enhancements in programs administered by SoCalREN could lead to increased project savings (including the 20 million kWh referenced by the Board's motion). Discussions are underway between SoCalREN, the CPUC and SCE/Gas Co. to accomplish this. Ongoing municipal building energy projects under SoCalREN administration both in the County and in cities within the County are included as Attachment 3.

- On Board direction 3), OEM discusses their ongoing efforts to coordinate County and other local emergency response resources around potential interruptions further below in this report.

- On Board direction 4), this report responds to that item.

- On Board direction 5), COS does not anticipate the need for any technical resources from the Chief Executive Office.

- On Board direction 6), the Executive Office of the Board prepared and sent a five signature letter to the CPUC dated June 1, 2016, (Attachment 4).

Office of Emergency Management's Campaign to Mitigate Rotating Outages

The mission of the Office of Emergency Management (OEM) is to direct and coordinate the emergency organization of the County and to concurrently serve as the Los Angeles County Operational Area Coordinator. To fulfill these two missions in relationship to the pending electrical outages, OEM has implemented a comprehensive planning process. The central tenets of this planning process are; to clearly identify the official electrical outage notification process, to foster productive inter-agency relationships so as to facilitate inter-agency coordination and the sharing of critical information, the development of the operational procedures needed when outages are imminent or occur, and the implementation of inter-department and inter-agency work groups to encourage the development of mitigation strategies for rolling outages.

Power Production and Distribution

OEM has initiated utility provider coordination meetings with the local utilities and the California Independent System Operator. The purpose of these meetings is to clearly identify the advance notification process used by ISO to alert the local utilities when Flex Alerts are predicted. A Flex Alert is a call for consumers to conserve electricity during heat waves when power use outstrips electricity supply. OEM is developing a process with each of the 13 Los Angeles utilities for notification when their service delivery will be curtailed, the boundaries of the affected areas and for how long the disruption is expected to last.

OEM is working with each of the utilities to obtain outage maps upon which we can overlay Cooling Centers and County facilities within their outage boundaries. This will assist in determining the impacts to communities and County services. By having this information, OEM can convene an Operational Area Coordination conference call with the impacted jurisdictions in advance of an outage, and a County specific call with the same information for County departments. These coordination conference calls will alert the cities and County departments of the pending outage and expected outage time based on information received from the utility companies.

County Department Initiatives

OEM has alerted each department to the planning process underway for the rolling outages and has updated the Department Emergency Coordinator (DEC) 24/7 contact list utilized for the conference calls.

OEM, in cooperation with Community and Senior Services, has revised the Cooling Center location database including determining which sites have standby power. Out of the approximately 95 locations, two have standby power. In some outage plans, the Cooling Centers are exempt from the outages, while in others they are subject to disruption. OEM will be able to determine which centers are most at risk when we receive outage maps from each of the utilities. Further planning is underway to determine the feasibility of temporary standby power solutions.

OEM is working on a strategy for departments to address rotating outages as part of their Continuity of Operations Planning (COOP). OEM will coordinate with ISD to develop additional strategies for departments to reduce their reliance on energy during peak hot/cold weather periods.

These strategies will be shared with all departments as options for them to use during critical periods. OEM will also provide tips and procedures for departments to help prepare for possible outages. Departments can share this information with employees to protect critical equipment and work products. OEM will also coordinate a message for departmental staff dissemination of the strategies by July 31, 2016.

Individuals Medically Dependent on Power

Individuals who are medically dependent on power can be disproportionately impacted by rolling outages. To address this population, OEM is participating on the Energy Conservation Campaign Advisory Group and in this role, is advocating for inclusive language and materials regarding the outages for people with disabilities and others with access and functional needs. In addition, OEM is consulting with the California Office of

Emergency Services to utilize existing databases of medically dependent individuals to directly notify these individuals or their service providers of pending outages.

Los Angeles Operational Area Coordination

OEM is writing an Operational Area Power Outage Annex and forming a planning team composed of representatives from County Departments and Disaster Management Area Coordinators to review, edit and finalize the annex. The Power Outage Annex includes information on the power grid, how it operates and threats and hazards to the grid. Also included in the plan are stages of power emergencies, notifications, and communications prior to and during power-related emergencies, and roles and responsibilities of cities, County Departments, utility companies, and other stakeholders during a power-related emergency.

Close

ISD and OEM appreciate the Board's interest and concern regarding this very important potential crisis which may impact millions of constituents in our region. In each of their areas of expertise, both ISD/COS and OEM have been proactive in actions taken to date and thorough in planning efforts necessary to minimize the negative impacts of rotating outages.

If you have any questions, please contact me at (323) 267-2103, via email dchittenden@isd.lacounty.gov or Jeff Reeb, Office of Emergency Management at (323) 980-2261, via email jreeb@ceooem@lacounty.gov.

DC:HC:LL:JR:sg

Attachments

c: ISD Deputies
Chief Executive Officer
Chief Operating Officer
Executive Office, Board of Supervisors
Office of Emergency Management

Attachment 1

SoCalGas
A Sempra Energy utility

Lisa Alexander
Vice President, Customer Solutions and Communications
213-244-2957
lalexander@semprautilities.com

May 23, 2016

Los Angeles County Board of Supervisors
Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Re: May 24, 2016 Board Supplemental Agenda Item 27-B—Aliso Canyon Energy Reliability Impacts and Mitigation Measures

Dear Honorable Members of the Los Angeles County Board of Supervisors:

Los Angeles County Supervisors Michael Antonovich and Hilda Solis introduced a motion (May 24, 2016 Supplemental Agenda Item 27-B) directing the County's Internal Services Department to prepare an energy conservation education and engagement campaign targeted to local governments and other stakeholders in order for the County to prepare for and help mitigate the impacts of potential energy shortages in the Los Angeles basin this summer and next winter. Energy conservation is a critical component of maintaining energy reliability and the County and local governments can play an important role in helping communities understand the urgent need to reduce energy demand this year, especially during extreme weather events and particularly among disadvantaged community members.

This letter is to inform you about the energy conservation campaign being developed by SoCalGas in partnership with other Southern California energy providers, including the Southern California Regional Energy Network (SoCalREN).

Most people understand that natural gas is used to heat their homes and water, cook their food and dry their clothes. However, many do not know that 60 percent of the electricity generated in California comes from natural gas. With the temporary moratorium on natural gas injection into the Aliso Canyon storage facility, there is less natural gas available locally to generate electricity, particularly during peak demand. This could lead to electricity and natural gas shortages this summer and winter.

The California Public Utilities Commission (CPUC) has authorized SoCalGas to develop marketing, education and outreach activities to inform Californians about potential energy shortages this summer and next winter. SoCalGas has been directed to spend up to $6 million towards this effort and provide another $5 million to support paid Flex Alert advertising by the California Independent System Operator (CAISO). The objective of the conservation campaign is to educate energy consumers across all sectors about the interdependence of natural gas and electricity systems, the need to reduce consumption during periods of peak demand, and how to make sustainable changes in consumption habits.

As directed, SoCalGas has formed an advisory group to provide recommendations throughout the development and implementation of the conservation campaign. In addition to representation from the SoCalREN, the advisory group includes representatives from CAISO, Los Angeles Department of Water & Power, other investor-owned (IOUs), publicly-owned and municipal utilities, and City of LA. The advisory group guides gas and electric conservation efforts and will help accelerate participation in utility energy efficiency and demand response programs throughout the Greater Los Angeles area. SoCalGas, in cooperation with the advisory group, is in the process of developing the following strategies to support conservation this summer:

- Employ ethnic, multilingual advertising targeting hard-to-reach customers;
- Deploy highly-targeted messaging to specific audience segments and include diverse tactics including social media, digital ads, radio, and local community newspapers;
- Launch a unique microsite to serve as a content hub for information about energy conservation, with printable fact sheets and other relevant content and links to other energy partners' websites for more information on energy efficiency programs and rebates that might be available to them; and
- Leverage network of Community Based Organizations (CBOs) as an integral channel to educate, distribute collateral materials, and enhance the call-to-action in the communities they serve.

We will provide consumers with a variety of programs and resources to help them participate and achieve near-term conservation and measurable energy reductions. Some of the enhancements to allow for greater participation in energy efficiency programs include:

- Acceleration of large commercial and industrial energy efficiency project upgrades;
- Greater emphasis on joint energy/water efficiency initiatives;
- Implementation of new energy efficiency programs (e.g., no-cost energy efficiency upgrades for small business customers; and
- Suspension of three-measure minimum and the go-back rule which will allow SoCalGas and SCE to enhance their Energy Savings Assistance Program's no-cost energy efficiency and weatherization retrofits for income-qualified households.

Components of the conservation campaign will be made available to all stakeholders in the region, including SoCalREN, which we believe is well positioned to assist the conservation efforts. The CPUC authorized the formation of the SoCalREN to plan and administer certain approved energy efficiency programs in the Southern California Edison and SoCalGas service territories. The IOUs are directed to coordinate and cooperate with the SoCalREN for seamless program offerings and to avoid customer confusion. SoCalGas is currently the lead utility for SoCalREN efforts.

We look forward to working with the County of Los Angeles and the SoCalREN to address the energy challenges southern California faces this year. For more information about this issue or our energy conservation campaign, please contact our government affairs manager Frank Lopez at flopez5@semprautilities.com or (213) 703-1347.

Sincerely,

Lisa Alexander

Lisa Alexander
Vice President, Customer Solutions and Communications

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April 6, 2016

Edward Randolph
Energy Division Director
California Public Utilities Commission

Dear Ed,

Thank you for your call on Thursday, March 24, 2016 inquiring about how the SoCalREN might assist the CPUC to respond to potential energy shortages related to operational failures at the Aliso Canyon gas storage facility. We understand that the issue of concern is that rolling brownouts and blackouts may occur this summer and through the fall due to the restricted availability of natural gas for electricity generation in Southern California.

The SoCalREN stands ready to assist the CPUC and the IOUs to avert energy shortages through a targeted and effective local government education and engagement campaign in affected communities. In addition, the SoCalREN also proposes to accelerate implementation of public agency facility retrofit projects.

Local Government Community Engagement Strategy
As trusted voices in the community, local governments play an important role to engage their communities to understand the concern and take urgent and necessary action to reduce energy demand. **In addition, because local governments are charged with ensuring safety and security in their communities, they have a keen interest in avoiding the disruptive consequences and costs associated with responding to energy outage consequences.**

The SoCalREN is well positioned and prepared to implement an engagement strategy to motivate local governments to promote energy conservation and other energy usage reductions within their own communities through stakeholder engagement, customized messaging, and ongoing support.

The SoCalREN is uniquely positioned to assist with this effort as it has the existing institutional framework and established relationships with the 200+ cities and counties in the affected region. SoCalREN is also experienced in successfully coordinating directly with IOU's as a Program

Administer of energy efficiency programs. The SoCalREN will build on its existing outreach strategies and tailor strategies that will be effective, credible and cause local governments and their constituents to act.

Working in coordination with the CPUC and the local utilities, the SoCalREN will focus on identified target areas of projected energy shortages and implement engagement strategies and messaging for local governments to take action -- all of which can be appropriately timed in anticipation of potential energy supply constraints.

Our team is well situated and prepared to take the following actions to help communities achieve measurable energy reductions:

- Collaborate with CPUC, CAISO, IOUs and affected Public Utilities on messaging and coordination strategies;
- Leverage the SoCalREN's extensive network of local governments and stakeholders to disseminate targeted messaging to affected communities using trusted messengers -- beyond cities and counties, this Network includes local Council of Governments, Association of Governments, League of California Cities and other trusted agencies;
- Reach out to leadership and communication leads (Public Information Officers and agency staff) in order to leverage existing local government communication channels to engage the community; i.e: newsletters, public network and channel videos, websites, social media and more;
- Design outreach and education materials that complement and supplement current local utility messages and are customizable for each local government's particular needs, and aligned with the agency's preferred community outreach and communication channel;
- Act as a liaison among local governments and local utilities to answer questions about potential energy shortages and provide resource connections;
- Speak to the compelling local government concerns to avoid energy shortages due to negative repercussions from increased costs, economic and social disruption, community safety concerns, etc;
- Coordinate with local governments to share messages with influential community leaders and organizations, and;
- Ensure the most disadvantaged community members are reached with appropriate in-language messaging and access to additional resources & programs.

As a result of these actions, we anticipate community awareness and actions that will be both significant and timely in response to this potential energy crisis.

While the proposed approach is a seamless incremental addition to the SoCalREN's current outreach activities, the proposed Aliso Canyon action plan is beyond the scope of the current SoCalREN budget. The SoCalREN is in discussions with Gas Company representatives about how the SoCalREN can support planned outreach and mitigation efforts. SoCalREN urges that the CPUC direct Gas Company to coordinate with the SoCalREN on a local government community engagement campaign and to provide appropriate supplemental funding for these expanded SoCalREN activities.

Accelerated Implementation of Public Agency Facility Retrofits

In response to the CPUC's request for the SoCalREN to evaluate opportunities to expedite energy project completion, the SoCalREN anticipates it can realize 18 to 20 million kWh annual savings by December 31, 2016.

The SoCalREN has identified the following tangible actions that the IOUs and the CPUC can take to support expedited completion of public agency projects.

IOU ACTIONS

1) **Apply the SCE 3 cent per kWh additional incentive to all public agency projects.**
   Discussion: Current SCE Local Government Partnership programs receive a 3 cent additional incentive per kWh saved. Providing this same level of incentive to all public agency programs will drive implementation of more energy efficiency projects.

2.) **Review and approve incentive & OBF applications within 30 days of submittal.**
   Discussion: Currently it takes an average of 2 to 3 months for approval of incentive applications. If the project includes an OBF application, then the approval time may take 3 to 4 months. This overly long approval process delays the timely and cost-effective completion of energy efficiency projects by public agencies.

3) **Allow project using customized incentives to start prior to final OBF & incentive approval.**
   Discussion: Currently projects cannot start prior to incentive approval or the project becomes ineligible for incentives. To expedite energy efficiency projects, IOUs can allow projects to move forward absent incentive approval, with the caveat that the public

agency will accept the IOU final review decision regarding the incentive and OBF amounts.

4) **Revise the maximum OBF repayment term from 10 to 15 years.**

Discussion. The IOUs should relax the strict OBF requirements to provide more flexibility in repayment terms. Public agencies cannot take more than 10 years to repay OBF. Many energy efficiency measures have an expected useful life much longer than ten years. As a result, a ten year repayment requirement reduces the ability to undertake more complex and comprehensive projects, such as those involving mechanical systems. Also, with the longer repayment term agencies will be able to bundle a greater number of longer term payback measures with their shorter term payback measures.

5) **Allow bundling of OBF projects among service accounts.**

Discussion: A public agency should be allowed to submit a single OBF application for a project. For example, the SoCalREN was required to submit 27 different applications for 1 city street light project. This costs time and money and is an unnecessary burden to agencies.

6) **Double the OBF funding limit per project from $1 million to $2 million.**

Discussion: Currently the total OBF project limit is $1 million. For a number of agencies their total eligible project exceeds $1 million. The SoCalREN works with agencies to achieve deeper and more comprehensive savings, in alignment with CPUC goals. The current $1 million limit does not support this comprehensive approach for cost effective energy efficiency retrofits.

8) **Reinstate recently removed energy efficiency measures (EEM) affecting currently developed Public Agency projects.**

Discussion: At the beginning of 2016, a significant number of EEMs were removed from incentive eligibility. In some cases, this change affected projects already under design and which were relying on those incentives for funding. To ensure projects move ahead, the IOUs should reinstate those EEMs.

CPUC ACTIONS

1) Accelerate the Energy Division Parallel Review process.

Discussion. Currently the Energy Division, through the Parallel Review process, may select a project for review prior to the IOU approval of the incentive. The Review is intended to be done in parallel with the IOU process but, in fact, often happens

sequentially, which may add as much as six months delay to a project. To resolve this issue, the Energy Division can ensure it adheres to or reduces its current 30 day review requirement. Also, the Energy Division should ensure that the Parallel Review process occurs, in fact, in parallel and not sequentially with the IOU process. In addition, projects will benefit if the CPUC allows projects to proceed prior to completion of the Energy Division review. This expedited process should be applied to projects in Southern California that will mitigate the effects from Aliso Canyon.

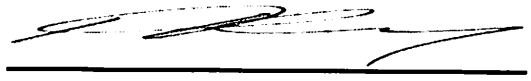
2) **Approve the original request of the SoCALREN to fund a Public Agency Revolving Loan Fund.**

Discussion. This action solves an initial capitalization challenge for public agencies to do energy efficiency projects. Most public agencies do not have energy efficiency projects in their approved budgets. To take action, agencies need 100% funding availability before they can commence a project. If a project is not budgeted but is fully funded through OBF and incentives, the public agency needs interim funding until the project is constructed, the incentive is paid and the OBF is issued. This funding gap typically will be six months during which time the public agency has to carry the project costs. This can be a significant barrier to many projects being started. The RLF will provide the bridge funding for the typical six month gap. This fund is then repaid once the incentives and OBF funds are received. In this way, other agencies can leverage this 'gap' funding. An RLF amount of $1.5 million will expedite the delivery of public agency energy efficiency projects in 2016 and beyond.

3) **Approve the PACE-Plus Program**

Discussion. Los Angeles County launched a residential Property Assessed Clean Energy (PACE) Finance program in June of 2015. Since then, the County has financed, and approved the financing, of over 14,000 residential upgrades which include combinations of HVAC, insulation, ductwork and solar measures. As has been informally reported, many and most of these projects have not utilized CPUC/IOU approved Home Upgrade incentives. The County now has data for all measures implemented in the 14,000 projects implemented since June and has been working with residential PACE providers to develop and propose a new residential incentive (PACE-Plus) which encourages homeowners to go above current code or other energy label equipment baselines. We will soon propose this new incentive as a High Opportunity Program/Project (HOPPS) program under the SoCalREN. We propose that the data acquired from PACE providers in Los Angeles County and the timely review/approval of a PACE incentive can provide critical information to the CPUC and the IOUs/MOUs about what impacts residential PACE is actually having in California – and in particular, the Los Angeles region.

In conclusion, the SoCalREN stands ready to assist the CPUC and the IOUs to help mitigate the effects of the Aliso Canyon failure. We look forward speaking again soon to answer any questions you may have and look forward to working with you on next steps.



Howard Choy
General Manager, Office of Sustainability
County of Los Angeles
Internal Services Department
Administrator of the Southern California Regional Energy Network (SoCalREN)

ATTACHMENT 3

SOCALREN ENERGY EFFICIENCY PROJECTS UNDER DEVELOPMENT

(may be completed by FY 2016/2017 with CPUC incentives)

	Total Savings:	**20,001,130**
Agency	**Project Name**	**Estimated kWh Savings**
Cucamonga Valley Water District	Cucamonga Valley WD Well 19 Pumping	163,466
Cucamonga Valley Water District	Cucamonga Valley WD CTL 1B Pump 4 Pumping	28,382
Port of Hueneme	Port of Hueneme Harbor District Lighting	216,907
Conejo Valley Unified	Conejo Valley USD Various Lighting 2	1,874,564
Cucamonga Valley Water District	Cucamonga Valley WD Well 05 Pumping	134,214
Ventura Unified	Ventura USD Various Lighting	1,040,495
Los Angeles County	LAC Whittier Narrows Park Lighting	59,003
Santa Barbara	Santa Barbara Street Lighting 2	12,944
Culver City	Culver City City Hall Mechanical	93,230
Las Virgenes Municipal Water District	Las Virgenes Rancho Sump Pumps	87,068
Culver City	Culver City Police EMS	101,671
Culver City	Culver City Transportation Mechanical	15,990
Santa Monica	Santa Monica Pool Lighting	9,988
Santa Monica	Santa Monica Big Blue Bus Lighting	575,873
Palmdale	Palmdale Street Lighting	413,510
Cucamonga Valley Water District	Cucamonga Valley WD Station 3/3A Pumping	526,442
Long Beach	Long Beach Street Lighting (Phase 1)	752,500
Culver City	Culver City Transportation Lighting	82,263
Irvine	Irvine Transportation Center Lighting	7,577
Huntington Beach	Huntington Beach IISNS (B,C,D,E,F,K)	91,093
WMWD	Western Municipal WD Pumping	233,244
Mission Viejo	Mission Viejo Street Lighting	93,103
Los Angeles County	LAC Washington Security Lighting	29,889
Los Angeles County	LAC Charles White Lighting	12,569
Los Angeles County	LAC Roosevelt Park Lighting	167,218
Los Angeles County	LAC Obregon Park Lighting	50,697
Los Angeles County	LAC Various Pools Mechanical 2	360,623
Huntington Beach	Huntington Beach St. Lt.s (LS-3) g.2; g.3	96,116
Huntington Beach	Huntington Beach Pkg Lot & Park Lt.s (LS-3) H	38,726
Huntington Beach	Huntington Beach Pkg Lot, Park (GS,AL,TOU) J, I	324,995
Culver City	Culver City - City Hall EMS	111,969
Inland Empire Utilities Agency	Inland Empire Lighting Phase 1	228,035

Agency	Project Name	Estimated kWh Savings
Cucamonga Valley Water District	Cucamonga Valley WD Various Well Pumping	462,177
Cucamonga Valley Water District	Cucamonga Valley WD STA-1 B1 & B3 Pumping	91,871
Cucamonga Valley Water District	Cucamonga Pump System Optimization	546,563
Whittier	Whittier Palm Park Pool Mechanical	76,823
Whittier	Whittier Street Lighting	1,095,452
Whittier	Whittier Various Lighting	12,841
Whittier	Whittier Various Mechanical	173,152
Palmdale	Palmdale Various Mechanical 2	48,009
Palmdale	Palmdale Various Mechanical 1	487,796
Downey	Downey Street Lighting	300,000
Irvine	Irvine Safety Lights 1	106,764
Downey	Downey Various Parks Lighting	62,023
Culver City	Culver City Street Lighting	799,751
Palmdale	Palmdale Park Lighting	142,253
Pomona	Pomona Street Lighting	1,081,914
Los Angeles County	LAC Civic Center Mechanical	50,000
Claremont	Claremont Street Lighting	450,180
Las Virgenes Municipal Water District	Las Virgenes Westlake Filter Plant Pumps & VFD?s Project	122,016
UWCD	United Water CD Pumping	493,810
Las Virgenes Municipal Water District	Las Virgenes Westlake Filter Plant LED Lighting Project	42,496
Los Angeles County	LAC Bonelli Pump Mechanical	50,545
Los Angeles County	LAC George Lane Park Lighting	53,513
Long Beach	Long Beach City Place Parking Structure Lighting	368,671
Carpinteria Sanitary District	Carpinteria SD Process Optimization	403,339
Los Angeles County	LAC DPW Headquarters Mechanical	446,556
UWCD	United Water CD Pump Sequence Optimization	565,456
Orange County	OC Manchester Parking Lot Lighting	652,995
Goleta Sanitary District	Goleta Sanitary District Process Optimization 1	658,581
Inland Empire Utilities Agency	Inland Empire Pumping Phase 1	782,879
Newport Beach	Newport Beach Street Lighting	1,150,000

Los Angeles County Building Projects (with completion date)

Energy Project Type/Location	Annual kWh Savings	Annual Therm Savings	Project Completion
RETROCOMMISSIONING			
Industry Sheriff Station	172,803	5,543	3/1/2016
La Cresenta Sheriff Station	104,668	3,741	3/1/2016
West Hollywood Sheriff Station	173,093	4,013	3/1/2016
Lomita Sheriff Station	92,690	3,816	3/1/2016
Los Padrinos Juvenile Hall	1,438,442	45,963	5/1/2016
Carson Library	132,448	4,768	Est. comp 1/1/2017
East Los Angeles Library	105,200	3,787	Est. comp 1/1/2017
Florence/Firestone DPSS	160,000	5,760	Est. comp 1/1/2017
Huntington Park Library	133,928	4,821	Est. comp 1/1/2017
Lancaster Library	194,884	7,015	Est. comp 1/1/2017
Metro East DPSS	262,000	9,432	Est. comp 1/1/2017
Norwalk Library	134,996	4,860	Est. comp 1/1/2017
Adams/Grand DPSS	861,756	31,023	Est. comp 1/1/2017
SUBTOTAL	**3,966,908**	**134,542**	
MONITORING BASED COMMISSIONING			
Cudahy DPSS	123,492	4,446	Est. comp 1/1/2017
Library Headquarters	540,972	19,475	Est. comp 1/1/2017
Sherman Block Building	500,000	18,000	Est. comp 1/1/2017
SUBTOTAL	**1,040,972**	**41,921**	
CHILLER RETROFITS			
Santa Clarita Civic Center	150,000	NA	8/31/2016
Public Works HQ Chiller	325,000	NA	7/1/2015
SUBTOTAL	**475,000**		
LIGHTING UPGRADES			
Olive View Medical Center - LED Parking Lot	155,215	NA	4/1/2016
DHS Administration - LED Parking Lot	93,819	NA	8/1/2015
Various Health Facilities - 28 watt	225,000	NA	2/1/2016
SUBTOTAL	**474,034**		

SOLAR PROJECTS			
DPW Waterworks - Lancaster Field Office	510,000	NA	6/30/2016
DPW Waterworks - Lancaster Maint Yard	208,500	NA	Est. 1/1/2017
Various LA County Sites	1,100,000	NA	Est. 6/30/2017
SUBTOTAL	**1,818,500**		
NET- ZERO ENERGY PROJECTS			
A C Bilbrew	419,715	NA	Est. 8/15/2016
Julian Dixon	451,233	NA	4/1/2016
SUBTOTAL	**870,948**		
PRESSURE REDUCING TURBINE GENERATOR			
DPW Waterworks - Palmdale Pumping Station	**1,400,000**		Est. 8/19/2016
GRAND TOTAL	**10,046,362**	**176,463**	

COUNTY OF LOS ANGELES
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MICHAEL D. ANTONOVICH

June 1, 2016

Mr. Michael Picker, President
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Dear Mr. Picker:

We are writing to urge the California Public Utilities Commission (CPUC) to direct SoCalGas to maintain close coordination with the Southern California Regional Energy Network (SoCalREN) on a local government community engagement campaign, to provide appropriate supplemental funding for expanded SoCalREN activities, and to fund a Public Agency Revolving Loan Fund.

As a result of the major natural gas leak that occurred at the Aliso Canyon Natural Gas Storage Facility on October 23, 2015, there may be impacts to the energy supply for the Greater Los Angeles area. The natural gas transmission and distribution system in the Los Angeles region has relied on the Aliso Canyon facility to provide gas supplies to 11 million customers for home heating, hot water and cooking fuel and to provide gas supplies to power plants that help meet regional electrical demand. Aliso Canyon serves peak gas usage demands in winter months and peak electrical demands during the summer months. Gas supply from Aliso Canyon has never before been constrained at current levels, leading to regional energy reliability concerns.

A recent technical assessment of energy impacts detailed potential energy impacts, including the possibility of electricity service interruptions in the coming summer months. Modeling suggests that there may be 14 days this summer during which gas curtailments could be high enough to cause electricity service interruptions to millions of utility customers. The "Aliso Canyon Action Plan to Preserve Gas and Electric Reliability for the Los Angeles Basin," prepared by the staff of the CPUC, California Energy Commission, the California Independent System Operator, and the Los Angeles Department of Water and Power, identifies the use of the current supply of 15 billion cubic feet stored in Aliso Canyon as an action to avoid electrical interruptions.

However, on May 10, 2016, Senate Bill 380 was signed by Governor Jerry Brown, requiring the Division of Oil, Gas, and Geothermal Resources (DOGGR) to continue to prohibit SoCalGas from injecting any natural gas into the Aliso Canyon natural gas storage facility until DOGGR determines, with the concurrence of the CPUC, that a comprehensive review of the Aliso Canyon storage facility to ensure well integrity has been completed, and the risks of failures identified in the review addressed, satisfying DOGGR's duty to prevent damage to life, health, property, and natural resources. By July 1, 2017, CPUC must determine the feasibility of minimizing or eliminating use of the Aliso Canyon natural gas storage facility while still maintaining energy and electric reliability.

Energy conservation is a critical component of maintaining energy reliability with or without the restoration of historical operations of the Aliso Canyon facility. Additionally, there is a need to take steps to mitigate the impacts of potential outages on consumers with special attention to vulnerable populations. Local governments play an important role to engage their communities to understand the concern and take urgent and necessary action to reduce energy demand. In addition, because local governments are charged with ensuring safety and security in their communities, they have a keen interest in avoiding the disruptive consequences and costs associated with responding to energy outage consequences.

The Southern California Regional Energy Network is uniquely positioned to assist with this effort as it has the existing institutional framework and established relationships with the 200+ cities and counties in the affected region. Therefore, we urge the CPUC to maintain close coordination with the SoCalREN on a local government community engagement campaign regarding these issues.

Your consideration of this important request is greatly appreciated.

Sincerely,

Hilda L. Solis

HILDA L. SOLIS
Chair of the Board
Supervisor, First District

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MARK RIDLEY-THOMAS
Supervisor, Second District

Sheila Kuehl

SHEILA KUEHL
Supervisor, Third District

Don Knabe

DON KNABE
Supervisor, Fourth District

Michael D. Antonovich

MICHAEL D. ANTONOVICH
Supervisor, Fifth District