

## HHIA - Utility Report for Meeting on 2018.10.15

Main San Gabriel Key Water Well Level updates:

**\*\* Historic Low: 171.60 ft. (on 2018.09.28)**

(Previous Historic Low: 172.20 ft. on 2016.10.07)

Historic High: 295.30 ft. on 1983.07.20 (Since entry of judgment in 1973)

Current: (As of 2018.09.28), **171.60 ft.**, (58.11% vs High; 0.64% less than Aug. 2018); **marking as Historic Low @ 171.60 ft.**

**Related link:**

<http://www.watermaster.org/>

## **La Puente Valley County Water District** **Public Hearing on Proposed Water Rate Adjustments**

The District's Board of Directors will hold a public hearing on proposed water rate adjustments at 5:30 p.m. on October 15, 2018 at 112 N. 1st Street, La Puente, CA 91744 in the La Puente Valley County Water District Board Room.

As part of an ongoing commitment to responsible planning, the District completed a study of its rates and fees to ensure they are adequate to support the cost of providing service. This independent cost-of-service study determined that rate adjustments are necessary to generate additional revenue needed to offset increases in the cost of producing groundwater and the costs for operations, maintenance and improvements to the District's water system. As a result, the District's Board of Directors will be considering adopting a plan to adjust water rates over a five-year period. On August 25, 2018 a notice of proposed adjustment to water rates and charges was mailed to all property owners within the District's service area. The notice provides information on the Public Hearing on the proposed water rate adjustments. The main cost factors that necessitate an adjustment in water rates are provided below:

**COST OF WATER** – The District is fortunate to have rights to a local groundwater source in the Main San Gabriel Basin. Anything we pump over our allotment must be replaced to maintain healthy water levels in the basin – either by leasing rights or purchasing imported water. The cost for this water has increased by over 23 percent in the last four years.

**GROUNDWATER MANAGEMENT** – In addition to cost of water increases, a new groundwater pumping assessment has been put into effect by the Main San Gabriel Watermaster in order to secure additional water resources to maintain water levels in the Basin. Although necessary, this assessment will have a large cost impact on all water providers that pump groundwater in the San Gabriel Valley.

**CAPITAL INVESTMENTS** – The District continuously invests in capital improvement projects that improve the performance of the water system or extend the life of existing facilities and equipment to avoid more expensive emergency repairs. Recommended improvements have been identified in the District's recently updated 10-year Water Master Plan, which prioritizes projects based on their benefit.

**Related link:**

[https://www.lapuentewater.com/#Current\\_News](https://www.lapuentewater.com/#Current_News)

## **Southern California Gas**

### **On Energy Efficiency Day, SoCalGas Shares Ways to Save Money and Energy**

#### **Smart thermostats and other devices can help keep costs down**

Oct 5, 2018

LOS ANGELES, Oct. 5, 2018 /PRNewswire/ -- In recognition of the third annual Energy Efficiency Day, Southern California Gas Co. (SoCalGas) today issued a reminder about smart thermostat and appliance rebates that give customers cash back while helping keep natural gas bills low. SoCalGas is among a growing network of advocates, companies, government agencies, utilities and others that will showcase the benefits of energy efficiency during the nationwide Energy Efficiency Day. SoCalGas also offered its customers tips about how to save energy and money during the upcoming home heating season.

"Taking simple steps to improve energy efficiency helps reduce heating costs and helps curb emissions linked to climate change," said Dan Rendler, director of customer programs and assistance for SoCalGas. "You can be better prepared for the winter months by taking advantage of rebates on energy-saving appliances and ensuring the safe operation of home furnaces."

More than twenty cities, counties, states and universities across the country have already issued proclamations recognizing October 5, 2018 as Energy Efficiency Day, including the City of West Hollywood.

"The City of West Hollywood has issued a proclamation to recognize October 5, 2018 as 'Energy Efficiency Day,'" said West Hollywood Mayor John J. Duran, "In West Hollywood, we're taking steps to implement clean power options and reduce energy use in our city facilities. It's essential that we reduce power plant emissions that can harm our health, pollute our air, and warm our climate. On Energy Efficiency Day, we're reminding community members that we can all take steps right now to reduce our energy use with simple actions such as selecting energy efficient appliances, using LED bulbs and turning off lights when not in use, and adjusting thermostats to more efficient settings. Together, we can make greener choices."

SoCalGas offers rebates on hundreds of home products that help save energy. Applying for these rebates can be done online in a matter of minutes. Among the most popular are smart thermostats. These devices can learn your schedule and temperature preferences and adjust the temperature in your home accordingly. They also allow users to adjust home temperatures with a mobile app or computer and can even use local weather conditions to help control energy costs. Last winter, customers who participated in a smart thermostat energy efficiency pilot program saved enough natural gas to dry two million loads of laundry.

SoCalGas also offers a website SoCalGas Marketplace, where customers can find and compare energy efficient products. Customers can save \$75 on select smart thermostats and Energy Star natural gas dryers, \$200 on select water heaters and up to \$75 on select washing machines. Customers can also save money on low-flow showerheads, including those with thermostatic shut-off valves that temporarily cut water flow once the water has become hot.

Over its lifetime, an energy efficient appliance will save customers thousands of dollars in energy bills—approximately \$1,500 with a tankless water heater, \$550 with a natural gas furnace, \$200 with a storage water heater and \$125 with a smart thermostat.

Temperatures in Southern California typically turn cooler in November and can remain cold through March. Lower temperatures are usually accompanied by an increase in home heating bills, but there are ways to save money.

Customers can take these steps to reduce their natural gas use during cold weather to help keep energy costs affordable:

- Set your thermostat to 68 degrees when you are home and 55 degrees when you are not home. Lowering your thermostat three to five degrees can save up to 10 percent on heating costs.
- Install proper caulking and weather-stripping; this can save roughly 10 to 15 percent on heating and cooling costs.
- Wash clothes in cold water to save up to 10 percent on water heating costs.
- Clean or replace your furnace filters according to manufacturer recommendations.
- Have your air ducts tested for leaks. Leaky ducts can cost between 10 to 30 percent in heating and cooling costs.
- Turn down the temperature on your water heater.
- Take shorter showers to reduce your natural gas use.
- Fix leaky faucets and pipes. Hot water leaks cause increased demand on the water heater, which increases natural gas use. One drop of water per second can waste 500 gallons of hot water per year.
- Limit use of non-essential natural gas appliances, such as spas and fireplaces.

More energy saving tips are located [here](#).

In Southern California, natural gas is the most affordable and reliable option for water heating, cooking and space heating. More than 90 percent of residents use natural gas to heat their home and hot water. In addition, more than half of the electricity generated in California is produced using clean burning natural gas. Generating electricity locally using natural gas helps California avoid importing electricity generated with less desirable fuels like coal.

SoCalGas is a leader in researching and developing new technologies that improve energy efficiency and protect the environment. In the past five years, SoCalGas energy efficiency programs have delivered more than 146 million therms in energy savings, enough to power 326,000 households a year, and reducing greenhouse gas (GHG) by more than 775,000 metric tons, the equivalent of removing nearly 165,000 cars from the road. These advances have also helped save SoCalGas customers more than \$161 million in utility bill costs over the past five years.

Customers are also encouraged to sign up for free bill tracking alerts and other online tools to help keep heating affordable this winter. "Bill Tracker Alerts" are an easy way to track natural gas use each week — instead of waiting until the monthly bill arrives — and can help customers use less natural gas and lower their bills. Customers can enroll for Bill Tracker Alerts in My Account. Once enrolled, they can easily access their gas usage information, pay bills, schedule service orders and sign up for Bill Tracker Alerts by visiting "Manage My Account: Manage Alerts."

For customers in need of assistance in paying their natural gas bills or in making their homes more energy efficient, SoCalGas offers a range of programs and services. To sign up for these programs and services, or for more information on how to reduce winter gas bills, visit SoCalGas' website at [socialgas.com](http://socialgas.com) or call (800) 427-2200.

Energy Efficiency Day is a collaboration between regional and national organizations aimed at helping individuals and organizations save energy and save money. Customers can find out how to participate by visiting [energyefficiencyday.org](http://energyefficiencyday.org).

**Related link:**

<https://sempra.mediaroom.com/2018-10-05-On-Energy-Efficiency-Day-SoCalGas-Shares-Ways-to-Save-Money-and-Energy>

**Energy Leaders Outline Role of Renewable Natural Gas in Helping California Meet Renewable Energy and Clean Air Goals at "Power of Waste" Conference**

**Third annual conference, sponsored by SoCalGas, PG&E and Energy Vision, forecasts growth of biogas development in state**

Oct 2, 2018

LOS ANGELES, Oct. 2, 2018 /PRNewswire/ -- California's energy and biogas industry leaders met today at the "Power of Waste" conference to share their expertise in renewable natural gas and its importance in helping the state meet its renewable energy, greenhouse gas reduction, and clean air goals. In addition to the state's new law requiring all renewable and zero-carbon resources for electric generation by 2045, another law, Senate Bill (SB) 1440, requires the state's Public Utilities Commission and Air Resources Board to consider adopting biomethane procurement targets for gas companies in the state. The conference, hosted jointly by Southern California Gas Co. (SoCalGas), Pacific Gas and Electric Company (PG&E), and the national nonprofit organization Energy Vision, provided a timely look into successful biomethane development and its growth potential in California. The event was held at SoCalGas' Energy Resource Center in Downey, California.

Renewable natural gas (RNG) can be produced from waste at landfills, wastewater treatment plants, food processing and dairies. The California Department of Resources Recycling and Recovery ("CalRecycle") estimates 50 to 100 new or expanded anaerobic digestion and composting facilities will be developed in California to meet the 75% organics diversion goal by 2025 required by state law (SB 1383).

Renewable natural gas is a cost-effective way to reduce greenhouse gas emissions. According to a recent study by Navigant, Consulting, Inc., replacing approximately 16 percent of the traditional natural gas supply with renewable gas can achieve greenhouse gas (GHG) reductions equivalent to converting 100 percent of buildings to electric-only energy by 2030. By using a mix of both in- and out-of-state resources, a renewable natural gas strategy is about three times more cost effective in reducing GHGs than an electrification pathway. In addition, renewable natural gas is available day and night to complement other renewable energy sources like solar and wind, making the entire energy system cleaner and more reliable.

"Renewable natural gas can cost-effectively reduce greenhouse gas emissions, short-lived climate pollutants and criteria pollutants to help meet California's climate and clean air goals," said Yuri Freedman, senior director of business development for SoCalGas. "And the latest state legislation means this renewable fuel is primed for further development."

"Adding the various benefits of renewable natural gas together, you get something unique: the clean burning and lowest-carbon fuel available today," said Joanna Underwood, founder and board member of Energy Vision. "The California Air Resources Board and Argonne National Labs have both verified RNG can be net-carbon negative over its lifecycle, with more greenhouse gases being captured to make the fuel than are emitted by burning it. So making and using RNG doesn't just slow the

accumulation of atmospheric GHG; it can actually help roll it back. As a transportation fuel, it can cut health-damaging particulate, NOx and SOx emissions to close to zero. California is the major market for RNG in the US, but it has yet to make much of it in-state. RNG represents a tremendous opportunity for California to turn its waste into energy, meet its climate goals and improve its air quality."

"Interconnecting biomethane producers to our extensive pipeline network requires new, creative and innovative approaches," said Steve Moorleghen, wholesale marketing and business development, PG&E. "We are proud to partner with dairies and other energy companies to explore how we can bring more biomethane on-system and reduce greenhouse gas emissions."

### **Creating more renewable energy for California**

As California policymakers have sought to expand the production and use of renewable energy, SoCalGas has been working to expand the production and use of renewable natural gas in the state. The utility announced last month it will soon begin using renewable natural gas for the first time at the 25 utility-owned natural gas vehicle fueling stations across its service territory. In July, it launched a video on renewable natural gas, and worked with waste management company CR&R Environmental to begin injecting renewable natural gas produced at CR&R's anaerobic digestion facility in Perris, Calif., into SoCalGas pipelines. In June, SoCalGas joined two French utilities and a Canadian natural gas utility in a new collaboration to advance the research and development of renewable natural gas and technologies such as power-to-gas. SoCalGas also assists California fleets in obtaining state funds designated for the purchase of near-zero emissions heavy-duty natural gas trucks.

SoCalGas has supported the implementation of California Senate Bill (SB) 1383, considered the most aggressive law in the nation designed to tackle short-lived climate pollutants. Last year, SoCalGas worked with other natural gas utilities in the state to solicit the dairy biomethane pilot projects required by the legislation.

In addition, SoCalGas has created a downloadable toolkit to assist renewable gas producers and developers who are interested in interconnecting their projects with the SoCalGas pipeline network. The utility also created new provisions in 2017 to enable SoCalGas and renewable gas producers to accelerate the process of interconnecting to SoCalGas pipelines.

Renewable natural gas from other states has already begun to clean the air and reduce greenhouse gas emissions in California's transportation sector, which accounts for more than 80 percent of smog forming emissions and about 40 percent of greenhouse gas emissions in the state. The latest generation of natural gas engines for heavy-duty vehicles can reduce smog-forming emissions by more than 90 percent. When fueled with renewable natural gas, these trucks reduce greenhouse gas emissions by 80 percent or more. Already, about 70 percent of natural gas trucks in California are fueled by renewable gas delivered by SoCalGas pipelines.

For more information on renewable natural gas, go to: [www.socalgas.com/smart-energy](http://www.socalgas.com/smart-energy) .

### **Related link:**

<https://sempra.mediaroom.com/2018-10-02-Energy-Leaders-Outline-Role-of-Renewable-Natural-Gas-in-Helping-California-Meet-Renewable-Energy-and-Clean-Air-Goals-at-Power-of-Waste-Conference>  
<https://sempra.mediaroom.com/2018-10-02-Energy-Leaders-Outline-Role-of-Renewable-Natural-Gas-in-Helping-California-Meet-Renewable-Energy-and-Clean-Air-Goals-at-Power-of-Waste-Conference>

## **SoCalGas Joins Coalition for Clean Air to Announce Plans for California Clean Air Day on October 3**

**Natural gas utility pledges to limit yearly energy use at each of its 60 work locations, reducing its overall electricity usage by more than 86,000 kWh - the equivalent of more than 157,000 miles driven**

Sep 27, 2018

LOS ANGELES, Sept. 27, 2018 /PRNewswire/ -- Southern California Gas Co. (SoCalGas) today joined the Coalition for Clean Air (CCA), local elected officials, industry representatives, businesses, and community leaders at Union Station in Downtown Los Angeles to announce plans for California Clean Air Day, a multifaceted, statewide program built on the idea that shared experiences unite people to action to improve community health, taking place on Oct. 3, 2018. In celebration of Clean Air Day, SoCalGas has pledged to reduce its yearly use of air conditioning at each of the company's 60 work locations on an ongoing basis, starting on Oct. 3, 2018. The new initiative is expected to reduce the utility's overall electricity usage by more than 86,000 kWh per year – the equivalent of more than 157,000 miles driven by an average passenger car. In addition, more than 125 SoCalGas employees, so far, have taken the Clean Air Pledge, which includes actions like reducing car use by telecommuting, taking mass transit to work, biking, turning off lights, changing the filter in their car or home heater, planting trees, and encouraging friends and family members to take the pledge. Photos from this morning's event are available [here](#).

Pictured here from left to right: Dr. Joseph K. Lyou, president & CEO, Coalition for Clean Air, Michael Ciacciotti, Pasadena Councilmember and Board Member of SCAQMD, Chris Thompson, Board Member of the Coalition for Clean Air and vice president of local public affairs for SoCal Edison, Ed Begley, Jr., Board Member of the Coalition for Clean Air, George Minter, treasurer of the Coalition for Clean Air and regional vice president of external affairs and environmental strategy for SoCalGas

"Earlier this year, California celebrated as we announced that our statewide efforts had reduced greenhouse gas emissions below 1990 levels and four years ahead of schedule," said George Minter, regional vice president of external affairs and environmental strategy for SoCalGas. "But a closer look at the data shows that GHG emissions from the transportation sector are actually increasing. And this year, we had more days with unhealthy air than at any point in the last two decades. We can address pollution and emissions linked to climate change today with balanced energy policies that encourage the rapid deployment of near-zero emissions natural gas trucks fueled with renewable natural gas sourced from farms, landfills, and wastewater treatment plants."

"Heavy-duty trucks fueled with renewable natural gas reduce air pollution and help protect against climate change. It's a win-win combination," said Joseph K. Lyou, Ph.D., president and CEO of the Coalition for Clean Air.

Earlier this year, SoCalGas announced that, for the first time, renewable natural gas produced from organic waste was being introduced into the company's pipeline system. Renewable natural gas is already being used by a local waste hauler as fuel for 400 of its collection trucks and is reducing emissions equal to taking 130,000 cars off the road.

SoCalGas also recently announced it will soon begin using renewable natural gas for the first time at the 25 utility-owned natural gas vehicle fueling stations across its service territory, as well as at six fueling stations in the San Diego area.

SoCalGas is a leader in reducing emissions. Since 1990, the company's energy efficiency and rebate programs have reduced emissions equal to taking almost 700,000 cars off the road.

Through the Clean Air Pledge, individuals, communities, businesses, government, schools, and other organizations across California commit to taking simple, personal actions to clean the air in ways that makes sense for them. Clean Air Day is a project of the Coalition for Clean Air. For more information about Clean Air Day, visit [www.cleanairday.org](http://www.cleanairday.org).

### **Reducing Emissions with Renewable Natural Gas**

Today, the transportation sector is responsible for about 41 percent of California's greenhouse gas emissions and 80 percent of smog-forming pollution. The latest heavy-duty natural gas engines can cut smog-forming emissions by more than 90 percent compared to the cleanest heavy-duty diesel trucks on the road today. And, when near-zero emission natural gas trucks are fueled by renewable natural gas, greenhouse gas emissions are reduced by at least 80 percent. Each heavy-duty diesel truck that is replaced with a near-zero emissions natural gas truck is equal to removing 57 passenger vehicles from the road.

Already, close to 70 percent of natural gas fleets in California are fueled with renewable natural gas.

In support of renewable energy and the state's vision of a low-carbon future, SoCalGas has been working to rapidly expand the production and use of renewable natural gas in California. Renewable natural gas is a carbon-negative fuel produced from waste found at landfills, wastewater treatment plants, and agriculture and dairy farms that can be used in trucks and buses, to generate electricity, fuel heating systems in home and businesses, and for cooking.

In addition, new research shows that renewable natural gas can play an important role in lowering carbon emissions in buildings. The analysis forecasts that replacing roughly 16 percent of the traditional natural gas supply with renewable gas captured from sources like dairies, wastewater treatment plants, and landfills can achieve greenhouse gas reductions equivalent to converting 100 percent of buildings to electric only energy by 2030. By using a mix of both in and out of state resources, the renewable natural gas strategy is three times more cost effective in reducing greenhouse gas emissions than an electrification pathway.

SoCalGas also recently joined a new international collaboration with Canadian natural gas utility Énergir and French utilities GRDF and GRTgaz aimed at advancing the research and development of renewable natural gas and renewable energy storage technologies, such as power-to-gas.

To help educate the public on renewable natural gas and assist developers who may be interested in interconnecting to the SoCalGas pipeline network, the utility developed a downloadable tool kit. Watch this video to learn more about the environmental and cost-saving benefits of renewable natural gas: [Digesting the Facts About Renewable Natural Gas](#).

#### **Related link:**

<https://sempra.mediaroom.com/2018-09-27-SoCalGas-Joins-Coalition-for-Clean-Air-to-Announce-Plans-for-California-Clean-Air-Day-on-October-3>

## **Southern California Edison**

### **Application Period Now Open for \$1.2 Million Edison Scholarship Program**

October 01, 2018

Media Contact: Susan Cox, (626) 302-2255

ROSEMEAD, Calif., Oct. 1, 2018 — High school seniors who dream of making a difference in the world through STEM studies are invited to apply to Edison International's \$1.2 million Edison Scholars Program.

Edison International, the parent company of Southern California Edison, is awarding \$40,000 scholarships, paid over four years, to 30 high school students planning to major in science, technology, engineering or math (STEM) fields at four-year accredited U.S. colleges and universities. Scholarship applications are now being accepted through Dec. 14.

Applicants must live in SCE's service territory and plan to be a full-time undergraduate college freshman majoring in a STEM field in fall 2019. Eligible students must be a high school senior, have at least a cumulative 3.0 GPA and demonstrate financial need. Students from underserved communities and ethnic minorities are encouraged to apply. Dependents of Edison International and SCE employees and retirees are not eligible for the Edison Scholars Program.

"Science, technology, engineering and math educations open doors to the future. I'm the beneficiary of a STEM education, and I know it changes lives," said Pedro Pizarro, president and CEO of Edison International. "At Edison, we are proud to play a role in helping local students realize their academic dreams."

To apply and get additional eligibility information, visit: [edisonscholars.com](http://edisonscholars.com).

Scholarship recipients will be announced next spring. They may also be eligible for summer internships at SCE after completing their second year of college.

Since 2006, Edison International has awarded more than \$8.7 million in scholarships to 610 students' higher education through the Edison Scholars Program.

Edison International's support of charitable causes, including the Edison Scholars Program, is funded entirely by Edison International shareholders. SCE customers' utility bill payments do not fund company donations.

#### **Related link:**

<https://newsroom.edison.com/releases/application-period-now-open-for-1-2-million-edison-scholarship-program>

Report by ***Ted Chang***  
HHIA Board Director, Utility