



PG&E Corporation Chairman, CEO and President Tony Earley with U.S. Secretary of Energy Ernest Moniz. In his keynote address (below), Earley advocates for partnerships with federal, state and local leaders.



ONE PG&E

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RETIREE EDITION



Energy Companies an Indispensable Ally in Combatting Climate Change, Earley Tells World Energy Ministers

BY TOM SCHMITZ

SAN FRANCISCO — In the urgent battle against climate change, nations around the world can make the greatest progress, at the quickest speed, by enlisting energy companies in the struggle.

That was the message Tony Earley, PG&E Corporation chairman, CEO and president, delivered on June 1 to a global audience of energy policymakers gathered in San Francisco for the Clean Energy Ministerial, a follow-up meeting to last December's historic climate summit in Paris.

In his keynote address, Earley stressed the unique tools that electric power companies — with their enormous scale, scope and access to capital resources — can bring to

bear in reducing greenhouse gas emissions and accelerating the transition to clean energy sources.

“Look to the utility sector as a source for solutions,” Earley said. “This is an industry that was built to do big things. It’s also an industry that was designed to serve the public interest. That’s part of our DNA.”

Utilities “reach into every home and business in the country and have relationships with millions of customers,” Earley pointed out.

That allows the industry to help with a wide variety of problems, from supporting clean transportation and other carbon-cutting

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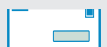
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technologies to serving as a channel for public awareness and education.

“Look to us as partners,” Earley asked the ministers, along with the many federal, state and local leaders listening, including U.S. Secretary of Energy Ernest Moniz, California Gov. Jerry Brown and San Francisco Mayor Edwin M. Lee.

As an example of such a partnership effort, Earley announced the launch of PG&E’s “Better Together Resilient Communities” grant program, a shareholder-funded initiative to assist local governments in Northern and Central California to better prepare for, withstand, and recover from extreme events and other risks related to climate change — such as sea level rise, flooding, land subsidence, heat waves, drought and wildfires.

“Some cities and counties already have sophisticated planning efforts under way,” Earley said. “But others are just getting started or face budget constraints.

“These grants are designed to produce solutions that others can learn from and adopt, with a particular focus on disadvantaged areas where exposure is high and resources are lacking.”

Earley opened his remarks by recalling the devastation of the “California megaflood,” an “atmospheric river” storm that unleashed 43 straight days of rain over the winter of 1861-62, drowning much of the state.

“Not only was there a tremendous loss of life,” Earley recalled, “but 25 percent of the economy was destroyed and a state built by the Gold Rush was driven into bankruptcy.”

The difference between then and now, he explained, is that today’s policymakers have the opportunity to understand the looming threat and take the necessary steps to prepare for and limit the potential impact.

“I believe we can be successful,” Earley said. “[And] that over the next few decades, we can create the solutions to stave off a catastrophic climate disaster. But that will depend upon governments setting the right policies, companies acting with or without mandates, and individuals stepping up to do the right things.”

Retirements

Michael Albert 38 years of service	Jeffrey Elin 35 years of service	Hugh Manix 43 years of service	Bradley Setser 35 years of service
Clifford Allee 32 years of service	Edgar Faugier 31 years of service	Kevin Markoe 38 years of service	Denise Silverthorne 25 years of service
Donald Ansley 32 years of service	Laron Fields 37 years of service	Lillian Martinez 26 years of service	Thomas Stickelman 38 years of service
Juan Barron 31 years of service	John Francis 46 years of service	Gwenetta Marshall 21 years of service	Dale Stone 30 years of service
Russell Barrow 37 years of service	James Fung 37 years of service	Steve Marshall 38 years of service	T Taylor 32 years of service
Garrett Batula 36 years of service	Manuel Garcia 43 years of service	Glenn Murray 32 years of service	Wayne Tomasello 33 years of service
Gregory Berattis 32 years of service	Barry Goodwin 39 years of service	Stephen Olmos 44 years of service	Suketo Urabe 32 years of service
Lawrence Berg 35 years of service	Steven Graham 33 years of service	Jurgen Ostertag 43 years of service	Steven Valdovinos 33 years of service
Josephine Brown 32 years of service	Gregory Hari 15 years of service	Robert Overturf 32 years of service	William Waldon 38 years of service
Wayne Brown 39 years of service	John Hayes 35 years of service	Blane Phillips 28 years of service	Winnie Wan 35 years of service
Martin Brutlag 44 years of service	Richard Hernandez 31 years of service	Irene Price 34 years of service	Billy Warmbrodt 31 years of service
Craig Bryan 38 years of service	Josephine Hom 30 years of service	Marian Rayburn 40 years of service	Joseph Wernet 28 years of service
Mari Busse 20 years of service	Stephen Hostetter 31 years of service	Kathleen Redd 35 years of service	Eric Wirth 41 years of service
Kenneth Cheng 26 years of service	James Jensen 38 years of service	Richard Reimer 35 years of service	Genn Wong 26 years of service
Matthew Cowry 25 years of service	Wilbert Joseph 37 years of service	Michael Reiswig 31 years of service	Timothy Yamaguchi 40 years of service
Michael Cravotto 30 years of service	Edward Kelling 30 years of service	Larry Rochholz 42 years of service	Robert Ying 35 years of service
Shirley Crawford 22 years of service	Neal King 19 years of service	Steve Ryan 13 years of service	Lyudmila Zinkova 20 years of service
Michael Cummings 37 years of service	David Klingerman 38 years of service	Craig Sanchez 32 years of service	
Louise De Lateur 42 years of service	Gene Lighty 38 years of service	Michael Saso 31 years of service	
Steven De Lima 37 years of service	Bart Linnenbrink 37 years of service	Robert Schlumbohm 33 years of service	
Cynthia Dutcher 31 years of service	Joseph Lugo 45 years of service	Gil-Soon Seo 37 years of service	

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Questions? Comments? Story ideas?

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LOCAL

Kern County: PG&E Awards Grants for Local Cooling Centers



BY EVELYN ESCALERA

A RECENT \$30,000 grant from PG&E to the Kern County Aging & Adult Services department will help fund and operate cooling centers in Kern County.

The grant is just one of several grants PG&E is providing throughout Northern and Central California to help ensure cooling centers remain open for those who need them most.

For many of the community agencies — many of which serve the elderly or low-income — the PG&E funding is critical.

“This grant is an essential part of the Department of Aging and Adult Services’ ability to operate and facilitate cooling centers for our county residents,” said Lito Morillo, the director of the county agency. “We would not be able to open the cooling centers without this grant. We are extremely grateful.”

PG&E began funding cooling centers as part of a pilot project in 2007 following a 2006 heat wave in California. Since then, it has provided more than \$500,000 to support established cooling centers, mostly located in already established

local government-run senior centers, neighborhood parks and recreation centers. “For the past 10 years PG&E has proactively worked with the California Public Utilities Commission to provide safe havens to those in the community during unusually and dangerously high temperatures,” said Denise Newton, senior manager of PG&E’s Kern Division. “These cooling centers are crucial to those in the community who are at risk. We are proud to support access to safe and comfortable cooling centers throughout our service territory.”

The San Joaquin Valley/Kern River Valley centers will open when the temperatures are 105 degrees or higher. The mountain centers will open when the temperatures are 95 degrees or higher and the desert centers will open at 108 degrees or higher.

PG&E expects to provide eight additional grants to fund local cooling centers in Arvin, Fresno, Fowler, Sanger, Merced, Madera, Santa Clara and Contra Costa County this year.

Go to PG&E’s website for information on cooling centers or contact your local city or county to find a cooling center near you.

The cooling center locator toll free line is 877-474-3266. Summer safety tips and cooling center information brochures are available in English, Spanish, Vietnamese, and Chinese.



PG&E Helps Lead Effort Toward

BY ALMA DE LA MELENA COX

PG&E AND CALIFORNIA'S energy companies are leading the drive to reduce the state's carbon emissions through smart energy use. We're working to supply 50 percent of our customers' power from renewable sources by 2030, and we're supporting the state's plan to make all new residential building "zero net energy" by 2020.

PG&E is defining having "zero" energy in a positive way with its sustainability portfolio and is engaging the community with clean energy building solutions that address climate change.

One example is the Zero Net Energy Home Display and ZNE Modular Classroom at the Energy Training Center in Stockton. The facility gives visitors an opportunity to have a hands-on, virtual experience

to understand how a home can be built so that it's carbon footprint is reduced significantly.

ZNE refers to a building that uses less than or equal to the amount of energy produced through an onsite renewable energy system, such as solar PV.

Advanced design doesn't have to be costly, as the home demonstrates. It takes advantage of natural assets such as building orientation, shade for better thermal control and the sun for solar generation.

Air conditioning and heating ductwork are placed inside the insulation "envelope" which means energy is delivered to the home rather than leaking outdoors. The

less energy that is wasted means less dollars spent by customers.

Cutaways in the walls (pictured right) and attic give visitors detailed views of high performance infrastructure that uses advanced framing techniques which allow more room for insulation and provides a robust air seal, saving on lumber and framing costs.

A large touchscreen dashboard (below) greets visitors and invites them to compare the energy use of this ZNE home to a typical home built to comply with the 2005 California Building Code.

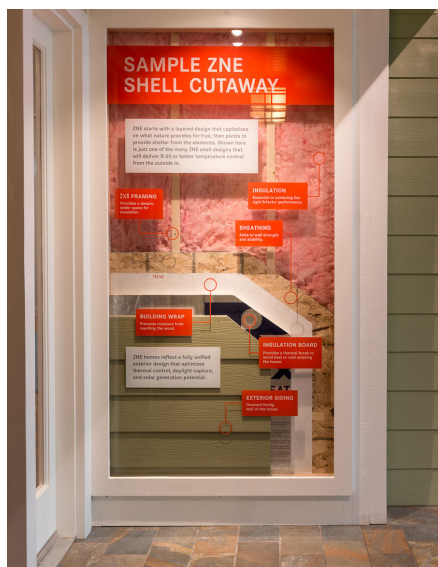
Incandescent, LED, CFL?

Lighting options can be confusing, but the ZNE home interactive displays shine the light on cost-cutting options and their





Clean Energy Building Solutions



pool pump display all contribute to more sustainable, cost-efficient living.

investments produce will always be there for them when they need it.

But it's not all about energy efficiency. PG&E's ZNE house tells an important energy generation story too, one that espouses solar for its customers and electric vehicle adoption. ZNE homes depend on PG&E's safe and reliable grid to manage the power exchanges into and out of their onsite system, so customers can feel secure the energy their wise

PG&E invites builders and designers, homeowners and community members to visit this "home of the now" to learn more about energy efficiency, living sustainably and how they can incorporate these principles into their own new home construction projects.

To learn more visit: <http://www.pge.com/en/community/energycenters/index.page>

best applications. Displays show how color shifting lighting techniques can aid the body's natural sleep rhythms for better rest and productivity, while also providing a beautiful experience.

A window display describes solar heat gain and how best to utilize invisible heat in Stockton's climate.

The home also shows how energy efficient appliances, low flow toilets, water conservation fixtures and a variable speed



PG&E Tests Technologies that Could Offer Early Warning, Speedy Restoration after a Major Earthquake

BY PAUL DOHERTY

SAN FRANCISCO — A magnitude 6.9 earthquake hits the Bay Area. The devastation stretches along the Hayward Fault in the East Bay with impacts in Marin County, San Francisco and the Peninsula. Bridges, roads, mass transit, hospitals and gas and electric service are severely impacted, the cell network is nearing full capacity and aftershocks are still to come.

And life has changed for millions of people. Does this sound like the latest summer blockbuster? It's not.

In the exercise scenario, which included more than 400 employees in San Francisco, Oakland, Concord, San Ramon and in other locations, the shaking lasted for 10 to 25 seconds and devastated much of the Bay Area.

The one-day drill was broken up into two parts, practicing the company's immediate response after the quake struck as well as its restoration and customer-support efforts 72 hours later.

PG&E leveraged its earthquake damage-modeling system, DASH — an acronym for

The utility was able to restore service to about 70,000 customers in a little more than 24 hours, and quickly checked on gas leaks and sent many employees to the area to check in on customers.

PG&E utilized ShakeCast and ShakeMaps — open-source software developed by The U.S. Geological Survey — to produce near-real-time digital maps of ground motion and shaking intensity, facilitating notification of shaking levels at key facilities.



PG&E employees practice the company's immediate response after a major earthquake. (Photo by Matt Nauman.)

“For PG&E, the key is preparedness. Natural disasters will take place and they will impact gas and electric service,” Anderson added. “It’s our job to improve our processes to ensure a safe and efficient response.”

PG&E continues working with partners, including the Bay Area chapter of the American Red Cross and U.C. Berkeley’s Seismological Laboratory, to expand the use of early warning systems.

Earthquakes can be powerful forces of nature that can disrupt essential services, and just as PG&E has robust emergency response plans, the company encourages its customers to have their own personal plans for emergencies as well.

Practicing its response to a major earthquake, PG&E staged a company-wide exercise on June 8 at various facilities in the Bay Area. The event tested the company’s readiness and demonstrated how the integration of earthquake-related technologies helps in its quake-related preparation and response.

Leveraging in-house and open-source technology to simulate the impacts of a magnitude 6.9 quake along the Hayward Fault, PG&E confirmed its ability to quickly estimate resource needs and identify where potential impacts could occur.

Dynamic Automated Seismic Hazard — to generate rapid, facility-specific damage estimates that help prioritize where to dispatch assessment and repair crews.

“Within 15 minutes of the magnitude 6.0 Napa earthquake in August 2014 — the largest earthquake in California since the magnitude 6.9 Loma Prieta earthquake in 1989 — these modeling technologies enabled us to develop resource requirements and immediately deploy more than 200 electric employees,” said Barry Anderson, PG&E’s vice president of Electric Distribution overseeing the company’s emergency-response organization.

Customers should maintain an emergency preparedness kit with enough supplies on hand to be self-sufficient for at least three days, and preferably up to one week. Customers should also prepare and practice their personal emergency plan to ensure all members of their household know what to do in the event of an emergency — especially since everyone may not be together. To help customers develop plans for earthquakes and other natural disasters, useful preparedness information can be found at websites for the American Red Cross and the California Office of Emergency Services.

PG&E Helped Customers Save Millions through Energy Efficiency Programs in 2015

BY ARI VANRENEN



CUSTOMERS SAVED \$227 million on their energy bills through energy efficiency programs in 2015. By participating in these programs, on average, a typical PG&E residential customer saved \$60-100 during the year, along with doing their part for climate change and cleaner air by reducing their energy waste.

PG&E customers saved an average \$60 to \$100 last year by taking part in energy efficiency programs.

This summer, PG&E encourages customers to take advantage of the various programs, tools and tips available to save energy and lower their electric bills when it gets hot. "As we head into summer, we want to remind customers about the many ways they can save energy as temperatures start to rise from now through October," said Vincent Davis, PG&E's senior director of energy efficiency programs, policy and strategy.

"Because PG&E is committed to ensuring affordability for our customers, we encourage them to save energy at home and work. By choosing from the many programs and tools PG&E offers, customers can take control of how much energy they use, and help create cleaner air in California."

Start Your Summer Off Right with these Tips

Sign up for [My Account on pge.com](#) to stay on top of your energy usage and monthly statement. Be sure to review the different rates to make sure you're on the option that works best for you and your family. Contact PG&E on our dedicated rates hotline at 1-800-743-0514 with any questions.

Know where you stand:

Ensure energy efficiency at home with a free Home Energy Checkup. This simple web-based assessment allows customers to find out how much of their household's energy goes to heating, hot water, appliances, and lighting, and receive a customized list of tips to boost energy efficiency within their home.

Take control of your bills:

During the summer, more energy is used with kids at home and air-conditioning needed around the clock in hot climate areas. By signing up for PG&E's newly improved Energy Alerts, customers can better manage their summer bills and avoid being surprised by a high energy statement.

Before you cool down, get a checkup:

Customers who sign up for the SmartAC program receive a \$50 incentive for participating in this easy and automated

program that helps prevent power interruptions during high-usage times like the hottest summer days. New to this year, customers enrolled in the program receive a free AC Check Up from a SmartAC technician to make sure equipment is running smoothly to avoid wasting energy. Up to 50 percent of home energy spending goes to heating and cooling, so a healthy AC reduces your home's electricity usage and costs.

Be rewarded for buying energy efficient appliances:

PG&E Marketplace is a one stop shop for all energy saving appliances and consumer electronics — including those that offer customers money back via a rebate. Customers can receive a rebate of up to \$150 by buying energy efficient clothes washers and explore Advanced LED lighting options, which use 75 percent less energy than incandescent lightbulbs.

Cool down in your community to stay refreshed:

PG&E's Cooling Center Program, in partnership with local counties, offers customers a cool place to go during times of extreme heat. Find a location online at [www.pge.com/coolingcenter](#) or by calling 1-877-474-3266.

Swim to more energy savings:

Pools are a great way to keep cool over the summer, but pool pumps often consume the most energy in a home. PG&E offers a \$100 Pool Pump Rebate to help customers with pools save energy with a more energy efficient pump, which can save customers up to \$1,000 in energy costs per year.

Save both energy and water:

With California still experiencing severe drought despite recent rains, The PG&E Simple Savings Kit offers residential gas and electric customers an easy and affordable way to save water and energy. The kit includes efficiency-boosting products that are easily incorporated into customers' homes to help reduce energy and water waste — including a high-efficiency shower head, two bath faucet aerators, two LED light bulbs and more. For only \$10 (a \$70 retail value), customers can save on bills and help to promote sustainability.

For more tips on what you can do in your home this summer, visit [www.pge.com/summer](#).

Retiree Activities

San Jose/DeAnza Chapter

Aug. 2, 1p.m. Executive Meeting
Fold/Stuff Flyers
Cinnabar Service Center
308 Stockton Ave., San Jose

Coast Valleys Chapter

Aug. 10
Bayonet Blackhorse Golf Club
Seaside
Joanie Lozano, 831-663-4608

Russian River Chapter

Sept. 7, luncheon
Charlie's at the Windsor Golf Course
1320 19th Hole Dr., Windsor
James Ruzicka, 707-584-5981
ziecque@pacbell.net

Sacramento Chapter

Aug. 31, Brookside Restaurant
9819 Horn Rd., Sacramento
Arlene Cook, aacook2003@yahoo.com

Fresno Chapter

Sept. 1, Pardini's Restaurant
2257 W. Shaw Ave., Fresno
11 a.m. - 1 p.m.
Annavee Beshears
559-435-8207, 559-476-0359
annavee1702@comcast.net

SF/Peninsula Chapter

Sept. 13, Election Day Luncheon
11:30 a.m. no-host cocktails
12:30 p.m. lunch
South San Francisco Elks Club
920 Stonegate Dr.,
South San Francisco
Annette Primus, 415-587-5658

Kern Chapter

Sept. 15, Hodel's Restaurant
11:30 a.m. - 2 p.m.
Del Sands, 661-664-9151
dsands@bak.rr.com

Silverado Chapter

Sept. 15, luncheon, 11:30 a.m.
La Strada Restaurant
6240 Napa Vallejo Hwy 29
American Canyon
Eileen Talbott, 707-275-0485



Retiree Contacts

PG&E Outage Hotline
800-743-5002

PG&E Customer Service
800-743-5000

PG&E Pension Payroll
415-973-3767

Pacific Service Credit Union
888-858-6878

Pacific Service Employees Association
800-272-7732

PG&E Retirement Award Customer Service
800-385-3139

San Joaquin Power Employees Credit Union
800-637-5993

Web: <https://myportal.pge.com>

HR and Benefits questions:

800-700-0057
HRBenefitsQuestions@exchange.pge.com

Mail:
1850 Gateway Blvd., 7th floor
Concord, CA 94520

Tributes

Roy Atkins
5/15/16; Ret. 12/1/81
Manager's office
Humboldt

Michael Bereznai
5/7/16; Ret. 7/1/07
DCPP Operations Support
DCPP

Antoinette Caillaux
5/10/16; Ret. 4/1/86
Design
General Office

Francis Camacho
5/4/16; Ret. 10/1/93
CS
San Jose

Agapito Carames
5/14/16; Active
DCPP Mechanic Maintenance

Jerry Davis
5/2/16; Ret. 6/1/93
Hydro Engineering and
Construction
Encon - GO

James Doherty
4/17/16; Ret. 9/1/01
Los Padres
Richard Einer
5/29/16; Ret. 9/1/06
Engineering & Planning
OM&C Area 2

Howard Ingels
5/14/16; Ret. 7/1/07
Electric Field Services
OM&C area 3

James Harlan
5/26/16; Ret. 8/1/99
Welding
OM&C Area 3

Jesse Heller
4/21/16; Ret. 6/1/83
Generation Planning
General Office

Robert Hudson
5/21/16; Ret. 6/1/84
Electric
EB Mission

John Lormans Jr
4/16/16; Ret. 3/1/92
Electric Construction
Sierra

Earl Lovett
4/13/16; Ret. 7/1/84
General Construction
Gas

Thomas Martinez
5/17/16; Ret. 7/1/93
Regional General Services
Redwood

Oma Maupin
4/15/16; Ret. 4/1/87
Gas Ops
General Office

John Mizera
5/19/16; Ret. 6/1/86
Materials Building
General Office

Tom Murphy
5/21/16; Ret. 10/1/15
Public Safety

Francis Pickering
4/3/16; Ret. 7/1/87
Customer Service
San Joaquin Valley

Robert Renoude
4/15/16; Ret. 1/1/95
Gas Service
Sacramento
Nancy Ritter
3/24/16; Ret. 9/1/09
IT

Ronald Spirlock
5/14/16; Ret. 4/1/04
Warehouse Distribution
Sacramento

Edith Toal
5/23/16; Ret. 3/1/85
Tax
General Office

Henry Valentin
3/25/16; Active
FMO Clerical
West Sacramento

Evert Wicks
5/3/16; Ret. 10/1/93
Gas Construction
Sierra