

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**



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Order Instituting Rulemaking Regarding Building
Decarbonization.

Rulemaking 19-01-011
(Filed January 31, 2019)

**SIERRA CLUB'S RESPONSE TO SOUTHERN CALIFORNIA GAS COMPANY'S
MOTION TO STRIKE SIERRA CLUB'S REPLY TO RESPONSES TO MOTION TO
DENY PARTY STATUS TO CALIFORNIANS FOR BALANCED ENERGY
SOLUTIONS OR, IN THE ALTERNATIVE,
TO GRANT MOTION TO COMPEL DISCOVERY**

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July 5, 2019

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Pursuant to Rule 11.1(e) of the California Public Utilities Commission (“Commission”) Rules of Practice and Procedure, Sierra Club files this Response to Southern California Gas Company’s (“SoCalGas”) Motion to Strike Sierra Club’s Reply to Responses to Motion to Deny Party Status to Californians for Balanced Energy Solutions (“C4BES”), or, in the Alternative, to Grant Sierra Club’s Motion to Compel Discovery.

I. INTRODUCTION

SoCalGas’ Motion to Strike is a meritless pretext to file a sur-reply and distract from its direct and substantial involvement in C4BES. As an initial matter, SoCalGas’ laundry list of objections amount to nothing more than disagreements with inferences Sierra Club reached based on evidence of SoCalGas’ involvement with C4BES. As such, they are not properly the subject of a Motion to Strike. Moreover, Sierra Club’s assertion that SoCalGas played a seminal role in C4BES’ formation and wields substantial influence over the organization is a reasonable conclusion based on the information Sierra Club was able to uncover notwithstanding SoCalGas and C4BES’ refusal to respond to discovery. Indeed, SoCalGas’ responses to data requests by the Public Advocates Office (“PAO”) further support Sierra Club’s position, confirming that SoCalGas pays for the cost of third party consulting services for C4BES.¹ The Commission should not only summarily reject the Motion to Strike, but given the fundamental impropriety of SoCalGas’ Motion, reject any request by SoCalGas to file a reply under Rule 11.1(f).

¹ Attach. A, SoCalGas Response to Data Request CALPA-SCG-051719, Q.4.

Beyond SoCalGas' role in C4BES at issue in this proceeding, Sierra Club is increasingly concerned with the extent of SoCalGas' efforts to obstruct urgently needed progress on building electrification. These efforts include SoCalGas lobbying local governments to adopt "balanced energy" resolutions and a web of misleading conduct identified in Sierra Club's Opening Brief in SoCalGas' General Rate Case aimed at maintaining California's reliance on gas combustion.² Recent analysis by Energy + Environmental Economics ("E3") on the Future of Natural Gas Distribution in California affirm the climate and public health imperative of widespread building electrification, the stranded asset consequences of continued gas build-out, and the importance of a strategic and equitable transition from the gas system.³ SoCalGas' campaign against building electrification is a campaign against California's future. Not only should none of the costs of these activities be passed to its customers, but if SoCalGas continues to undermine the rapidly needed transition from gas combustion to zero emissions alternatives rather than be a partner in that transition, the Commission should reevaluate whether SoCalGas continues to be deserving of the privilege of monopoly rights over gas service.

II. DISCUSSION

A. **A Motion to Strike is Not an Appropriate Response to a Reply to a Motion to Deny Party Status/Compel Discovery or a Remedy for Statements With Which SoCalGas Disagrees.**

SoCalGas' Motion to Strike is fundamentally improper. Tellingly, SoCalGas cannot identify any Commission precedent suggesting Motions to Strike are appropriate in the context of a Motion to Deny Party Status/Motion to Compel Discovery.⁴ Sierra Club's motion raises threshold issues of the appropriateness of participation of an intervenor under substantial utility control and the need for discovery to enable transparency and fully understand the depth of that

² Attach. B, Partial List of SoCalGas Presentations Urging "Balanced Energy Solutions"; Attach. C, SoCalGas Slide Deck of Balanced Energy Presentation; Attach. D, SoCalGas Email to Local Governments with Attached Draft Balanced Energy Resolution; Attach. E, Examples of Balanced Energy Resolutions Adopted by Local Governments; Application ("A.") 17-10-007, Opening Brief of Sierra Club and Union of Concerned Scientists (Sept. 21, 2018), <http://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M236/K009/236009060.PDF>.

³ E3, *Draft Results: Future of Natural Gas Distribution in California* (June 6, 2019), https://ww2.energy.ca.gov/research/notices/2019-06-06_workshop/2019-06-06_Future_of_Gas_Distribution.pdf.

⁴ SoCalGas Motion to Strike Sierra Club's Reply to Responses to Motion to Deny Party Status to Californians for Balanced Energy Solutions or, in the Alternative to Grant Motion to Compel Discovery at 3-4 (June 19, 2019).

relationship. Because these are fundamental governance and transparency questions that do not directly pertain to the record on scoped issues, a Motion to Strike is inappropriate.

Even if a Motion to Strike were potentially applicable in this context, SoCalGas' Motion still fails because it is premised on disagreements with the inferences Sierra Club has drawn based on the information it was able to obtain on SoCalGas' involvement with C4BES. As the Commission found in similar circumstances where a party sought to strike what it claimed were "false statements" in other parties' briefs:

CTFC expresses disagreement with the statements made in parties' briefs, and believes that they have drawn incorrect inferences. . . . Such disagreements, however, provide no basis for striking statements in briefs. . . . The Commission will be able to weigh the merits of opposing arguments on the issue Striking parties' statements is not the appropriate remedy.⁵

Indeed, were the Commission to entertain SoCalGas' Motion, it would embolden litigious entities to routinely file a Motion to Strike anytime they disagreed with another party's reply. Because this is not a legitimate use of a Motion to Strike, SoCalGas' Motion must be denied in its entirety.

B. Sierra Club Properly and Accurately Replied to Factual Assertions in C4BES and SoCalGas' Responses.

SoCalGas' claim that "Sierra Club's Reply resorts to extreme dishonesty" does not withstand even the most cursory scrutiny.⁶ Discovery by PAO affirms Sierra Club's concerns. SoCalGas is using staff time for C4BES activities.⁷ As provided in a SoCalGas email attached to Sierra Club's Motion to Deny Party Status/Compel Discovery, SoCalGas staff time includes recruiting members to join the C4BES Board and, as stated by C4BES in its response, to provide "PowerPoint drafts as well as compositional and editorial guidance on some of the formative documents for the organization."⁸ As C4BES also stated in its response, use of consultants, which PAO discovery confirms are paid by SoCalGas, was important so that "C4BES be considered an authentic and professional organization, and a successful launch relies on

⁵ A.05-02-027, Administrative Law Judge's Ruling Denying Motion to Strike Filed by Community Technology Foundation of California at 1, 3 (Oct. 13, 2005), http://docs.cpuc.ca.gov/PublishedDocs/WORD_PDF/RULINGS/50299.PDF.

⁶ SoCalGas Motion to Strike at 15.

⁷ Attach. A, SoCalGas Response to Data Request CALPA-SCG-01, Q.3.

⁸ Sierra Club Motion to Deny Party Status to Californians for Balanced Energy Solutions or, in the Alternative, to Grant Motion to Compel Discovery, Attach. D (May 14, 2019); C4BES Response at 7-8 (May 29, 2019).

professional services, presentation materials, and other documents.”⁹ Far from “extreme dishonesty,” it is responsive and reasonable for Sierra Club to infer in its reply that “SoCalGas’ direct involvement, provision of support services, and financial backing was pivotal to C4BES’ creation and its continued operation.”¹⁰ SoCalGas may disagree, but disagreement is not the basis for a Motion to Strike. If anything, it highlights the importance of granting Sierra Club’s Motion to Compel Discovery to enable needed transparency on the full extent of SoCalGas’ role in C4BES.

SoCalGas’ responses to data requests by PAO on the names of SoCalGas staff and total time spent on “the founding, launch, and continued activities of C4BES” is also incomplete. In identifying only George Minter and Ken Chawkins, it omits other key SoCalGas staff involved in C4BES activities.¹¹ For example, SoCalGas Public Affairs Manager Robert Cruz requested the Mayor of the City of Pomona execute a pre-drafted “balanced energy” resolution and at the direction of senior SoCalGas leadership, subsequently asked the Mayor and others for assistance “to identify some key Latino leaders that might consider supporting the current Californians For Better [sic] Energy Solutions effort.”¹² This is but one example. SoCalGas has given dozens of “balanced energy” presentations to local governments arguing against building electrification.¹³ The presentations use results of a highly flawed and biased study SoCalGas commissioned from Navigant, potentially at ratepayer expense.¹⁴ Moreover, Navigant appears to have disavowed the study findings,¹⁵ leaving SoCalGas searching for academics associated with the Natural Gas

⁹ Attach. A, SoCalGas Response to Data Request CALPA-SCG-01, Q.4; C4BES Response at 8.

¹⁰ Sierra Club Reply to Responses at 3 (June 10, 2019).

¹¹ Attach. A, SoCalGas Response to Data Request CALPA-SCG-01, Q.3.

¹² Attach. F, Emails from Robert Cruz, SoCalGas Public Affairs Manager, to Tim Sandoval, Mayor of City of Pomona, with Attachments.

¹³ Attach. B, Partial List of SoCalGas Presentations Urging “Balanced Energy Solutions”; Attach. C. SoCalGas Slide Deck of Balanced Energy Presentation.

¹⁴ For a critique of the Navigant report, see California Energy Commission, Docket No. 18-IEPR-09, TN#224588, Sierra Club Comments on SoCalGas and Navigant Report (Aug. 24, 2018); TN#224592, NRDC Comments on Cost of Residential Electrification (Aug. 24, 2018). Documents available at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?doctnumber=18-IEPR-09>. Because the Navigant study was released after the close of discovery in SoCalGas’ General Rate Case, Sierra Club has not been able to determine if it was ratepayer-funded. However, SoCalGas has used ratepayer funds to finance similar studies, either through its ratepayer-funded Research and Development program or as an Operations and Maintenance expense. See A.17-10-007, Opening Brief of Sierra Club and Union of Concerned Scientists at 25-27, 39-41, <http://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M236/K009/236009060.PDF>.

¹⁵ Navigant Consulting, *Analysis of the Role of Gas for a Low-Carbon California Future*, at iii (July 24, 2018), https://www.socalgas.com/1443741887279/SoCalGas_Renewable_Gas_Final-Report.pdf (study

Initiative at Stanford University to defend its results.¹⁶ SoCalGas’ “balanced energy” presentation is then followed by requests from SoCalGas to local elected officials to adopt pre-drafted “balanced energy” resolutions to oppose state policies that favor electrification in the name of local control.¹⁷ Several of these adopted resolutions now appear on the C4BES website, a website, which, consistent with C4BES’ admission that SoCalGas consultants were used to ensure C4BES appeared “professional and authentic,” is likely maintained by consultants paid for by SoCalGas.¹⁸ In financing the consulting services that support C4BES, in using its governmental affairs staff to push “balanced energy” messaging throughout its service territory,¹⁹ and in then following up with requests to local governments to adopt pre-drafted resolutions, C4BES is an entity, and “Balanced Energy” a campaign, with SoCalGas at its center.

SoCalGas also insists its contributions to organizations on the C4BES Board have no bearing on its influence over the organization. In defending the relevance of corporate contributions in its Reply, Sierra Club cited to academic literature building on findings that

authors do “not make any representations or warranties of any kind with respect to . . . the accuracy or completeness of information . . . the presence or absence of error or omissions . . . [or] any conclusions”).

¹⁶ Attach. G, Screenshot of Email Dated April 29, 2019 from Naomi Barnes, Managing Director, Natural Gas Initiative at Stanford University, Re: SoCalGas seeking consultant on decarbonization of California.

¹⁷ Attach. D, SoCalGas Email to Local Governments with Attached Draft Balanced Energy Resolution; Attach. E, Examples of Balanced Energy Resolutions Adopted by Local Governments.

¹⁸ See C4BES, About Us, <https://c4bes.org/about-us/> (bottom on page linking to “balanced energy solutions” resolutions by Kings, Tulare, and Kern Counties). For SoCalGas’ role, see, e.g., Tulare County Board of Supervisors Agenda Item dated May 7, 2019, Re: Approve resolution in support of balanced energy solutions,

<http://bosagendas.co.tulare.ca.us/133547/133550/133554/133584/133585/05.07.19.BOS133585.pdf>

(stating “SoCalGas has requested that the Tulare County Board of Supervisors adopt a resolution supporting balanced energy solutions. State regulators at the California Public Utilities Commission have launched a proceeding to determine how to reduce greenhouse gas emissions from buildings to meet state climate goals. Some state regulators are advancing a singular pathway.”); Kings County Board of Supervisors Action Summary March 12, 2019 (three weeks prior to resolution adoption on April 2, 2019), <https://www.countyofkings.com/home/showdocument?id=19908> (“Colby Wells, Southern California Gas Public Affairs Manager gave an update on the fight against AB 3232 requiring all new residential and commercial buildings in California to be zero-emission buildings by 2030, which is aimed at taking away the right to make choices about the energy we use in our homes and businesses, driving up energy bills and making housing more expensive and stalling innovation.”).

¹⁹ In the SoCalGas General Rate Case, Sierra Club contested SoCalGas passing all of costs of its local government affairs activities to customers. A.17-10-007, Opening Brief of Sierra Club and Union of Concerned Scientists at 17-18,

<http://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M236/K009/236009060.PDF>. Particularly given that SoCalGas’ presentations are given with the intent to follow up with a request for local government legislative action, the activities should be considered lobbying with costs properly borne by SoCalGas shareholders.

“[a]cross a range of issues and regulatory agencies, researchers and journalists have documented cases of companies using charitable contributions to co-opt ostensibly neutral and even non-aligned non-profits.”²⁰ For example, virtually identical support letters from at least 19 entities receiving contributions from SoCalGas were attached to SoCalGas’ application for approval of a voluntary biomethane tariff, an outcome consistent with the study’s finding that non-profits are more likely to comment in proceedings and use similar language as their corporate benefactors within one year of a corporate contribution.²¹ Similarly, at least 16 organizations quoted in a SoCalGas press release touting the Navigant study SoCalGas commissioned are recipients of SoCalGas contributions.²² SoCalGas may attempt to argue its contributions do not function to increase its influence over its beneficiaries. However, not only is this view contrary to a body of academic research affirming the ways in which corporations use donations to further their regulatory agenda, but its disagreement with Sierra Club on this point is just that, and like the rest of its Motion, not grounds for striking any part of Sierra Club’s Reply.

C. Sierra Club Properly Replied to Legal Arguments in SoCalGas’ Response.

Further unmasking the Motion to Strike as a thinly veiled pretext for a sur-reply, SoCalGas even takes issue with Sierra Club’s direct reply to its legal arguments. In its response, SoCalGas argued that Sierra Club’s Motion to Compel Discovery should be denied because it

²⁰ Marianne Bertrand *et al.*, *Hall of Mirrors: Corporate Philanthropy and Strategic Advocacy*, National Bureau of Economic Research, at 3 (Dec. 2018),

<https://economics.stanford.edu/sites/g/files/sbiybj9386/f/bbfht5dec2018.pdf>.

²¹ *Id.* at 6; A.19-02-015, SoCalGas, Application for Renewable Natural Gas Tariff, Attach. A (Feb. 28, 2019). Based on SoCalGas’ recent annual GO 77-M filings, these organizations include the Alhambra Chamber of Commerce; American Indian Chamber of Commerce of California; Bolsa Chica Conservancy; California Latino Leadership Institute; Climate Resolve; Commerce Industrial Council; Congress of California Seniors; University of California, Riverside, Center for Renewable Natural Gas; Greater Los Angeles African American Chamber of Commerce; Inglewood Airport Area Chamber of Commerce; North East Trees; Orange County Business Council; Pasadena Chamber of Commerce; Coalition for Renewable Natural Gas; San Gabriel Valley Economic Partnership; Sequoia Riverlands Trust; Regional Chamber of Commerce San Gabriel Valley; El Monte/South El Monte Chamber of Commerce; and University of California, Office of the President.

²² SoCalGas, *New Study Advises Policymakers to Consider Renewable Natural Gas for Low-Carbon Buildings Strategy* (Aug. 2, 2018), <https://sempra.mediaroom.com/index.php?s=19080&item=137499>. Based on SoCalGas’ recent annual GO 77-M filings, these organizations include the University of California, Riverside; Los Angeles Area Chamber of Commerce; Inland Economic Partnership; United Way of Greater Los Angeles; Greater Irvine Chamber of Commerce; City of Murrieta; Coachella Valley Economic Partnership; Glendora Chamber of Commerce; Duarte Chamber of Commerce; California Congress of Seniors; San Fernando Valley Rescue Mission; Boys and Girls Clubs of the Los Angeles Harbor; Southeast Churches Service Center; Kheir Community Clinic; HomeAid Orange County; and Second Harvest Food Bank of Orange County.

does not relate to substantive issues scoped in the proceeding.²³ In its Reply, Sierra Club provided numerous legal justifications under the Public Utilities Code and the Commission's Rules of Practice and Procedure that empower the Commission to grant Sierra Club's Motion to Compel Discovery.²⁴ SoCalGas' opposing (and meritless) legal view of the Commission's authority to grant Sierra Club's Motion is not the basis for a Motion to Strike.

SoCalGas' suggestion that discovery by PAO somehow obviates the need for Sierra Club's Motion to Compel is also without merit.²⁵ Discovery is not the exclusive right of PAO. Discovery by other parties serves as an important complement to PAO's efforts and ensures a broad set of stakeholder concerns are better understood. For example, PAO's discovery to date has focused on SoCalGas and its use of ratepayer funds for C4BES activities. Sierra Club shares these concerns, but its discovery is also directed at understanding the full extent of SoCalGas' role in C4BES, regardless of whether ratepayer or shareholder funding is used. SoCalGas' position that any entity can intervene in Commission proceedings regardless of the extent of direct utility control *and* that discovery on the extent of a utility's influence over that entity is impermissible flouts the Commission's fundamental oversight role and undermines the integrity of Commission proceedings. It is both reasonable and necessary for the public to understand the efforts of a gas utility to create an entity to intervene in Commission proceedings in support of that utility's positions. At a minimum, the Commission should grant Sierra Club's Motion to Compel Discovery to enable critically needed transparency on SoCalGas' role in C4BES.

D. The Full Extent of SoCalGas' Anti-Electrification Activities Demand Commission Scrutiny.

As the California Energy Commission concluded in its 2018 Integrated Energy Policy Report ("IEPR") Update, "[t]here is a growing consensus that building electrification is the most viable and predictable path to zero-emission buildings."²⁶ The IEPR further cautioned against natural gas infrastructure in new buildings, finding that:

New construction projects, retrofitting existing buildings, and replacing appliances and other energy-consuming equipment essentially lock in energy system infrastructure for many years. As a result, each new opportunity for truly impactful investment in energy efficiency and fuel choice is precious. If the

²³ SoCalGas Response at 10-11 (May 29, 2019).

²⁴ Sierra Club Reply to Responses at 4-5.

²⁵ SoCalGas Motion to Strike at 14.

²⁶ California Energy Commission, *Final 2018 Integrated Energy Policy Report Update, Vol. II* at 14, 20 (Jan. 2019), <https://efiling.energy.ca.gov/getdocument.aspx?tn=226392>.

decisions made for new buildings result in new and continued fossil fuel use, it will be that much more difficult for California to meet its GHG emission reduction goals.²⁷

Draft results of a recent E3 study on the Future of Natural Gas Distribution in California reinforce this conclusion. The E3 study found that: 1) “[r]eplacing gas equipment with electric equipment upon burnout lowers the societal cost of achieving California’s climate policy goals;” 2) a gas transition strategy that includes avoiding gas system expansion and targeted retirements of the gas distribution system is needed to lower customer cost; and 3) “[b]uilding electrification improves air quality and health outcomes in urban centers.”²⁸

Yet in the face of the climate, economic, and public health imperative of advancing building electrification, SoCalGas continues to engage in widespread obstruction. In addition to its seminal role in creating C4BES and lobbying local governments to adopt “balanced energy” resolutions, SoCalGas’ activities include fighting efficiency standards for residential furnaces because they would “raise the cost of some gas furnaces and thereby encourage fuel switching away from natural gas,”²⁹ arguing repeatedly to state agencies that building electrification would “impede” implementation of California’s climate goals, and sending misleading mailers to its customers on the comparative operational cost of gas and electric heating by comparing the most efficient gas furnace available on the market to an electric option so inefficient it could not legally be sold in California.³⁰

While Sierra Club’s Motion to Deny Party Status/Compel Discovery is limited to SoCalGas’ role in C4BES, Sierra Club encourages the Commission to investigate the full extent of SoCalGas’ anti-electrification activities. In putting its profits over achievement of climate and public health outcomes, in drumming up local opposition to measures necessary to limit expansion and stranded asset costs of the gas system, SoCalGas is acting against ratepayer and broader societal interests. Not only should the costs of SoCalGas’ anti-electrification activities be fully borne by SoCalGas shareholders, but should SoCalGas continue its aggressive and

²⁷ *Id.* at 18.

²⁸ E3, *Draft Results: Future of Natural Gas Distribution in California*, at Slides 6, 27, https://ww2.energy.ca.gov/research/notices/2019-06-06_workshop/2019-06-06_Future_of_Gas_Distribution.pdf.

²⁹ Decision 18-05-041 at 140 (May 31, 2018), <http://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M215/K706/215706139.PDF>.

³⁰ *See* A.17-10-007, Opening Brief of Sierra Club and Union of Concerned Scientists at 15, <http://docs.cpuc.ca.gov/PublishedDocs/Efile/G000/M236/K009/236009060.PDF>.

misleading efforts to impede progress on building electrification, the Commission should reconsider SoCalGas' franchise rights. The urgency of the climate crisis and the critical importance of rapidly ending reliance on gas combustion cannot be overstated. SoCalGas' monopoly right over gas distribution is a privilege, not an entitlement. If SoCalGas continues to obstruct progress rather than work constructively to help manage an equitable transition from gas, California should work to identify a more willing partner.

III. CONCLUSION

For the reasons set forth above, SoCalGas' Motion to Strike should be denied.

Dated: July 5, 2019

Respectfully submitted,

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Attachment A – SoCalGas Response to Data Request CALPA-SCG-051719

QUESTIONS ON C4BES
SOUTHERN CALIFORNIA GAS COMPANY
(DATA REQUEST CALPA-SCG-051719)
Date Received: May 23, 2019
Date Submitted: June 14, 2019

QUESTION 1:

Did SoCalGas use any ratepayer funding to support the founding and launch of Californians for Balanced Energy Solutions (C4BES)? If yes,

- a. Please give a full accounting of all ratepayer funding sources.
- b. Please give a full accounting of how any ratepayer funds were used.

RESPONSE 1:

Ratepayer funds have not been used to support the founding or launch of Californians for Balanced Energy Solutions (C4BES).

QUESTIONS ON C4BES
SOUTHERN CALIFORNIA GAS COMPANY
(DATA REQUEST CALPA-SCG-051719)
Date Received: May 23, 2019
Date Submitted: June 14, 2019

QUESTION 2:

Does SoCalGas continue to use any ratepayer funding to support C4BES? If yes,
a. Please give a full accounting of all ratepayer funding sources.
b. Please give a full accounting of how any ratepayer funds were used.

RESPONSE 2:

Ratepayer funds are not used to support C4BES.

QUESTIONS ON C4BES
SOUTHERN CALIFORNIA GAS COMPANY
(DATA REQUEST CALPA-SCG-051719)
Date Received: May 23, 2019
Date Submitted: June 14, 2019

QUESTION 3:

Please provide accounting of all SoCalGas staff who spent work hours on the founding, launch, and continued activities of C4BES.

- a. List all names of SoCalGas staff who spent work hours on C4BES activities.
- b. Provide an estimate of the number of hours spent on C4BES activities by each staff member listed in Question 3b.
- c. Provide the funding source(s) for all staff time, including specification of ratepayer or shareholder funding and the account the time was booked to (balancing account, shareholder account, GRC line item, etc.).

RESPONSE 3:

- a. George Minter, Regional Vice President, External Affairs and Environmental Strategy; Ken Chawkins, Public Policy Manager.
- b. For purposes of this response, “C4BES-related activities” refers to the “founding, launch, and continued activities of C4BES,” as queried in the question. From August 1, 2018 – December 31, 2018, George Minter spent approximately 2.5% of his time on C4BES-related activities, and Ken Chawkins spent approximately 10% of his time on C4BES-related activities. In 2019, through the date of this response, George Minter spent approximately 3 hours on C4BES-related activities, and Ken Chawkins spent approximately 10% of his time on C4BES-related activities.
- c. The above-described time is shareholder funded (i.e., it is booked to a distinct invoice/order (I/O) that is not ratepayer funded).

QUESTIONS ON C4BES
SOUTHERN CALIFORNIA GAS COMPANY
(DATA REQUEST CALPA-SCG-051719)
Date Received: May 23, 2019
Date Submitted: June 14, 2019

QUESTION 4:

Please provide all invoices and contracts to which SoCal Gas is a party for work which relates to the creation or support of C4BES. These include, but are not limited to contracts and invoices related to:

- a. Retention of [REDACTED] in developing C4BES objectives and talking points.
- b. Compensation provided to C4BES board member Matt Rahn.

RESPONSE 4:

The attachments include Confidential and Protected Material pursuant to PUC Section 583, GO 66-D, D.17-09-023, and the accompanying declaration.

- a. SoCalGas does not have a direct contractual relationship with [REDACTED] pertaining to C4BES. SoCalGas has a contractual relationship with [REDACTED] [REDACTED] contracts with [REDACTED]. See the folder "Response 4A_Confidential Information" for responsive invoices through May 31, 2019 and underlying contract, as amended from time to time. [REDACTED] has performed and continues to perform routine services for SoCalGas outside of those performed with respect to C4BES. To account for all the work done on behalf of C4BES, fifty-percent of each invoice is booked to the invoice/order referenced in the response to Question 3.c above, i.e., fifty-percent of each responsive invoice is not ratepayer funded.
- b. Matt Rahn volunteers his time as C4BES' Chair. Neither Rahn nor the organizations with which he is affiliated have received any funding from SoCalGas as compensation for his work with C4BES.

QUESTIONS ON C4BES
SOUTHERN CALIFORNIA GAS COMPANY
(DATA REQUEST CALPA-SCG-051719)
Date Received: May 23, 2019
Date Submitted: June 14, 2019

QUESTION 5:

For each invoice and contract provided in response to Question 5, identify:

- a. Whether ratepayer or shareholder funded (and proportions if necessary)
- b. The funding source used (e.g. GRC funds, specific balancing accounts, etc.).

RESPONSE 5:

SoCalGas interprets the question to refer to the documents and responses provided in response to Question 4 (rather than Question 5). With the following understanding, SoCalGas responds as follows:

- a. As noted in response to Question 4 above, the invoices provided reflect both routine work done for SoCalGas as well as some work done on behalf of C4BES. As such, in order to fully account for the work done for C4BES, fifty-percent of each invoice is funded by shareholders as described in response to Question 3.c. The remaining fifty-percent of each invoice is funded as described in response to Question 5.b.
- b. The ratepayer-funded portion of each invoice is billed to the internal Cost Center 2200-2441 in SoCalGas' General Rate Case.

Attachment B – Partial List of SoCalGas Presentations Urging “Balanced Energy Solutions”

Partial List of SoCalGas Presentations Urging "Balanced" Energy Solutions

Date	Location/Event	Tweet	Public Affairs Manager
10/16/2018	City of La Verne	https://twitter.com/rcruz_SoCalGas/status/1052221427858821120	Robert Cruz
11/27/18	City of Claremont	https://twitter.com/rcruz_SoCalGas/status/1067624417625223168	Robert Cruz
12/3/18	City of Azusa	https://twitter.com/rcruz_SoCalGas/status/1069800347768504320	Robert Cruz
12/3/18	City of Calimesa	https://twitter.com/rlane_socalgas/status/1069779993918468096	Randon Lane
12/4/18	City of San Jacinto	https://twitter.com/rlane_socalgas/status/1070158478235197441	Randon Lane
12/4/18	City of Beaumont	https://twitter.com/rlane_socalgas/status/1070144691054698496	Randon Lane
12/5/18	City of West Covina	https://twitter.com/rcruz_SoCalGas/status/1093305781745680385	Robert Cruz
12/5/18	City of Covina	https://twitter.com/rcruz_SoCalGas/status/1070326798234210304	Robert Cruz
12/5/18	City of Rancho Cucamonga	https://twitter.com/kscott_SoCalGas/status/1070521313280675841	Robert Visconti
12/10	City of Wildomar	https://twitter.com/rlane_socalgas/status/1072324428183298048	Randon Lane
12/11/18	City of Lake Elsinore	https://twitter.com/rlane_socalgas/status/1072728711261126656	Randon Lane
12/11/18	City of Hemet	https://twitter.com/rlane_socalgas/status/1072714633104916480	Randon Lane
12/11/18	City of Temecula	https://twitter.com/rlane_socalgas/status/1072692273710800896	Randon Lane
12/11/18	City of Perris	https://twitter.com/rlane_socalgas/status/1072682830088540162	Randon Lane
12/11/18	City of Banning	https://twitter.com/rlane_socalgas/status/1072741603540750336	Randon Lane
12/11/18	City of Grand Terrace	https://twitter.com/kscott_SoCalGas/status/1072683533154406400	Kristine Scott
12/12/18	City of La Puente	https://twitter.com/rcruz_SoCalGas/status/1073033248672890880	Robert Cruz
12/12/18	City of Yucaipa	https://twitter.com/rlane_socalgas/status/1073059280582893568	Randon Lane
12/12/18	City of Canyon Lake	https://twitter.com/rlane_socalgas/status/1073058798426673153	Randon Lane
12/13/18	City of Industry	https://twitter.com/rcruz_SoCalGas/status/1073281669841342464	Robert Cruz
12/17/18	City of Pomona	https://twitter.com/rcruz_SoCalGas/status/1074895226848784385	Robert Cruz
12/19/18	City of Baldwin	https://twitter.com/rcruz_SoCalGas/status/1075616720738340865	Robert Cruz
12/19/18	City of Menifee	https://twitter.com/rlane_socalgas/status/1075594681046597632	Randon Lane
1/2/19	City of San Bernardino	https://twitter.com/kscott_SoCalGas/status/1080636841844400128	Kristine Scott
1/8/19	City of Fontana	https://twitter.com/kscott_SoCalGas/status/1082839073297813506	Kristine Scott
1/8/19	City of Highland	https://twitter.com/kscott_SoCalGas/status/1082822811540811777	Kristine Scott
1/9/19	City of Duarte	https://twitter.com/rcruz_SoCalGas/status/1083039046874456071	Robert Cruz
1/9/19	City of Adelanto	https://twitter.com/kscott_SoCalGas/status/1083198888700309504	Kristine Scott
1/22/19	City of Glendora	https://twitter.com/rcruz_SoCalGas/status/1087942816775458818	Robert Cruz
1/23/19	City of Walnut	https://twitter.com/rcruz_SoCalGas/status/1088304503143555072	Robert Cruz
1/29/19	San Bernardino County	https://twitter.com/kscott_SoCalGas/status/1090320663850606592	Kristine Scott
2/5/19	City of Colton	https://twitter.com/kscott_SoCalGas/status/1092977213085896704	Kristine Scott
2/12	San Dimas	https://twitter.com/rcruz_SoCalGas/status/1095525061069496321	Robert Cruz
2/25/19	Upland City	https://twitter.com/kscott_SoCalGas/status/1100233873122684928	Kristine Scott
2/26	City of Duarte	https://twitter.com/rcruz_SoCalGas/status/1100828531787853824	Robert Cruz

2/26/19	City of Loma Linda	https://twitter.com/kscott_SoCalGas/status/1100589879296049152	Kristine Scott
3/5/19	City of Ontario	https://twitter.com/kscott_SoCalGas/status/1103127502082400256	Kristine Scott
10/24/18	SGV Regional Chamber Luncheon	https://twitter.com/rcruz_SoCalGas/status/1044276151533789184	Robert Cruz
10/25/18	San Joaquin Valley Regional Association of California Counties	https://twitter.com/RobD_SoCalGas/status/1055616612483588097	Rob Duchow
10/26/18	2018 Business Forecast Conference	https://twitter.com/socalgas/status/1056008780767420421	Bret Lane
11/1/18	Southern California Association of Governments	https://twitter.com/rlane_socalgas/status/1058045036531568641	Ken Chawkins
11/14/18	SGV's City Manager's Association for County Managers	https://twitter.com/rcruz_SoCalGas/status/1062868340710895617	Robert Cruz
11/15	LA_COmotion	https://twitter.com/rlane_socalgas/status/1063179931998412801	Randon Lane
12/14/18	Inland Empire Economic Partnership	https://twitter.com/kscott_SoCalGas/status/1073715984643420161	Kristine Scott
12/18/18	Palmadale Mayor Steve Hofbauer	https://twitter.com/RobD_SoCalGas/status/1075114250215936000	Rob Duchow
1/19/19	Asm. Cecilia Aguiar-Curry and Yountville Mayor John Dunbar	https://twitter.com/rlane_socalgas/status/1086693479613231104	Randon Lane
1/31/19	League of California Cities	https://twitter.com/rlane_socalgas/status/1091219201061150720	Emily France
2/8/19	Beumont Chamber of Commerce	https://twitter.com/rlane_socalgas/status/1093916197358202881	Randon Lane
2/8/19	CA League of Cities: Desert Mountain Division	https://twitter.com/RobD_SoCalGas/status/1093975311971045376	Rob Duchow
2/13/19	State Legislature	https://twitter.com/rlane_socalgas/status/1095844013716824064	Randon Lane
2/15/19	HOPE Latinas	https://twitter.com/SoCalFavi/status/1096498686144606208	Faviola Ochoa
3/5/19	Economic Development Coalition: Valley of Innovation	https://twitter.com/rlane_socalgas/status/1102980417336954880	Randon Lane
3/15/19	California Restaurant Association Foundation	https://twitter.com/jgov_socalgas/status/1106697169380139008	George Minter
2/12/19	Irvine	https://twitter.com/Lanae_OShields/status/1095515912164106240	Lanae O'Shields
1/22/19	Los Alamitos	https://twitter.com/Lanae_OShields/status/1087921128323121154	Lanae O'Shields
6/5/2018	Fountain Valley	https://twitter.com/Lanae_OShields/status/1004220722523148289	Lanae O'Shields
1/24/19	California Contract Cities Association	https://twitter.com/MarisolSocalGas/status/1088542338501173248	Ken Chawkins
12/12/18	City of San Fernando	https://twitter.com/MarisolSocalGas/status/1073011788491321344	Marisol Espinoza
3/29/19	School Nutrition Association	https://twitter.com/jgov_socalgas/status/1111681112785346560	Alan Caldwell

Attachment C – SoCalGas Slide Deck of Balanced Energy Presentation



Balanced Energy Solutions that Can Work for Everyone

**Economic Development Coalition Southwest Riverside California
March 5, 2019**

**Ken Chawkins, Business Policy Manager
Southern California Gas Company**

WHO WE ARE...

SoCalGas & SDG&E Territory



In service for over **135 years**

- » **Largest natural gas distribution** utility in the US
- » Serve **12 counties** (over 500 communities) and more than **21 million** people
- » Over **5.8** million gas meters

SDG&E

- » Provides **electricity** and **natural gas** to **3.4 million** people from Orange County to the Mexican border.

California leads the nation in setting climate goals and policy

Governing Law – SB100

By 2030, obtain

60%

of electricity from renewable sources

Governing Law – SB1383

By 2030, reduce methane emissions

40%

below 2013 levels

Executive Order B-55-18

By 2045, economy-wide, become

Carbon Neutral

Diversification of Assets

**Electrification as
a one-track
solution sounds
simple**



Increasing renewable energy
in all forms will increase
costs and complexity

but it is a worthwhile investment

We all agree on that.

Now what
we need is a
practical plan.

**To be adopted, we must create clean energy solutions
that people want to use**

**Affordability
Reliability
Choice**

The real cost of living

is already too high
for too many people



California has the **highest** effective poverty rate in the nation



Nearly **40%** of CA households are rent burdened and pay **>30%** of their income on housing



1/3 of CA households can't pay for their basic needs



Low-income families pay **20%** of their income or more on energy costs

Sources: The United Way, *Real Cost of Living Report* (2018); Adam Chandler, "Where the Poor Spend More Than 10 Percent of Income on Energy," (2016)

Electrification will further burden people

Costing the typical

California family:

\$7,200

to retrofit
your home

\$388/yr

more in
energy bills

Source: Navigant Consulting, "The Cost of Residential Appliance
Electrification: Phase 1 Report – Existing Single-Family Homes", 8
April 2018.

And businesses need an affordable option

The result of stopping new natural gas service connections for business over 3 months (January-March 2018) in Los Angeles County:



~5,200

fewer jobs
created



~\$880M

in lost
economic
output



~\$120M

in lost tax
revenues
(federal, state
and local)

Consumers want choice

<10%

of voters would choose
an all-electric home

80%

of voters prefer home
with both, esp for cooking

80%

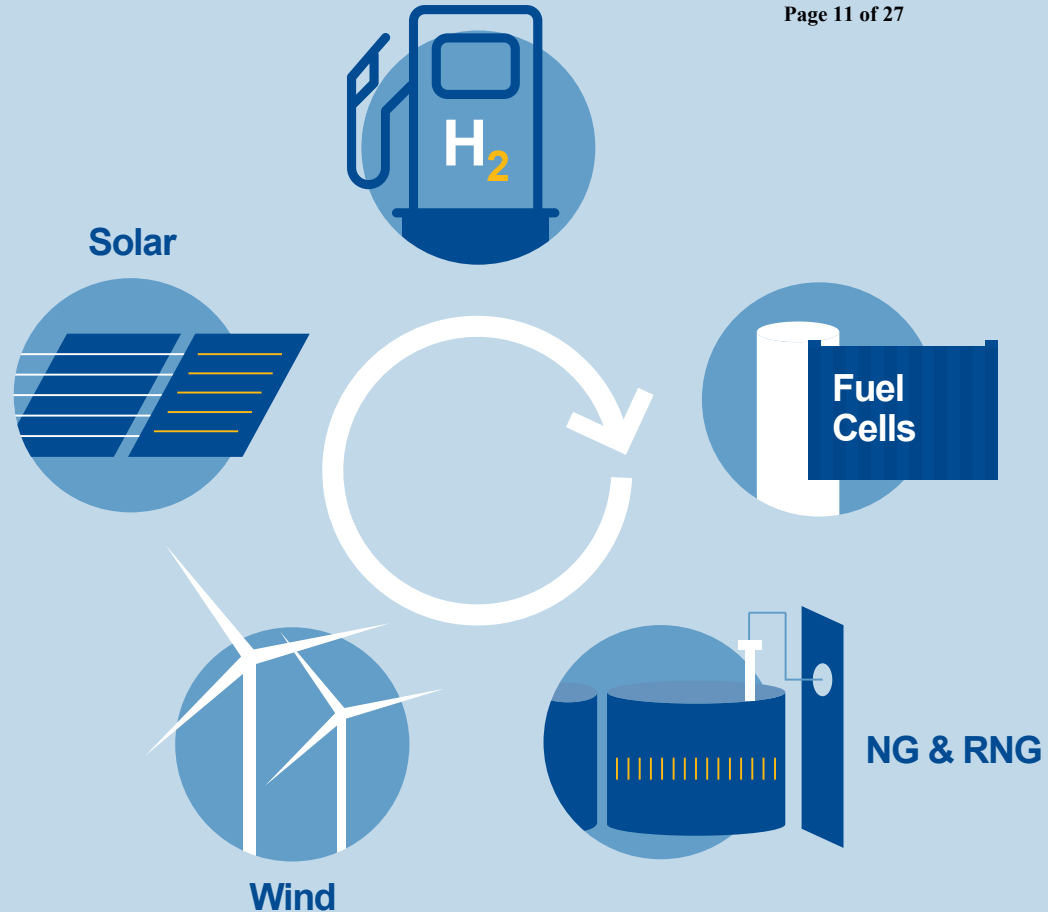
of voters oppose prohibiting
the use of gas appliances

2/3

of voters oppose
eliminating natural gas

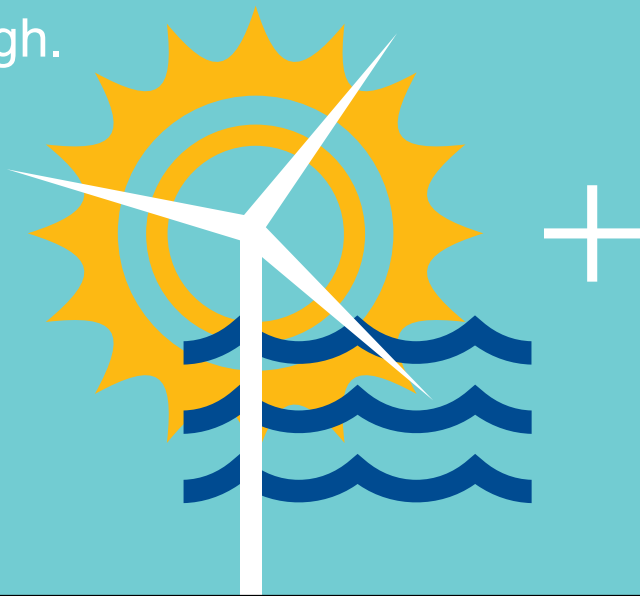
With a balanced approach

we can achieve our
goals and preserve
choice, while
minimizing disruption
and cost

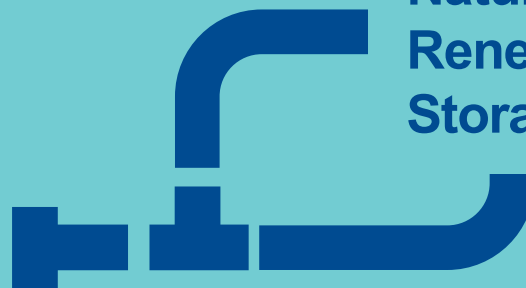


We need scalable, affordable solutions to solve these issues

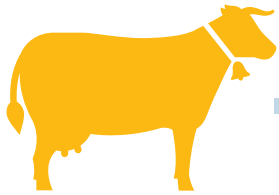
Solar, wind and
hydro alone are
not enough.



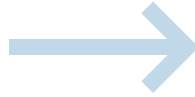
We need to use
ALL the tools in our
toolbox – including
**Renewable
Natural Gas and
Renewable Energy
Storage.**



The basics of Renewable Natural Gas



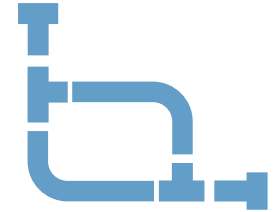
Capture waste from dairies, farms and landfills



Convert into biogas using anaerobic digestion

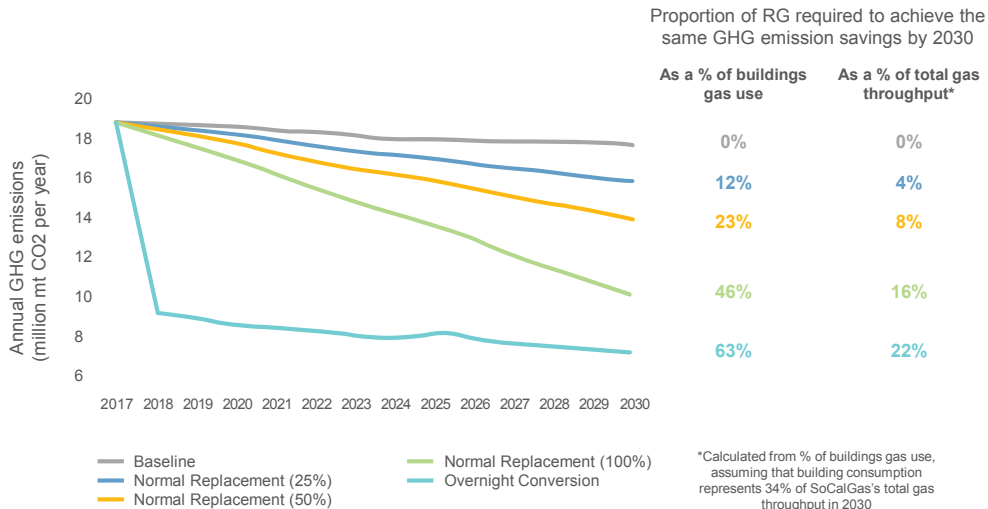


Process the biogas to make it pipeline-ready (biomethane)



Inject the biomethane into the pipeline for future use

Renewable Natural Gas beats building electrification



➤ Meet CA's 2030 GHG goals in the building sector by switching to

5% RNG

➤ Achieve the same GHG reductions as overhauling 100% of CA's buildings to all electricity with

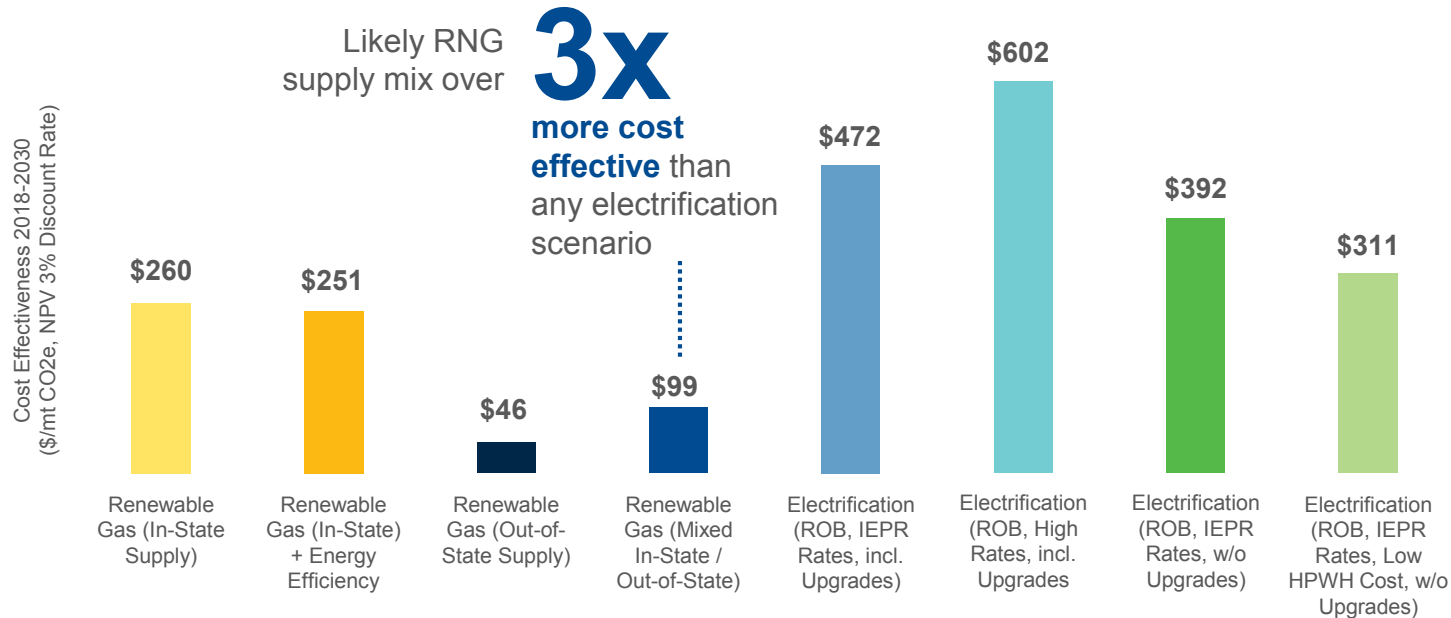
16% RNG

➤ Reduce short-lived climate pollutants and achieve

40%

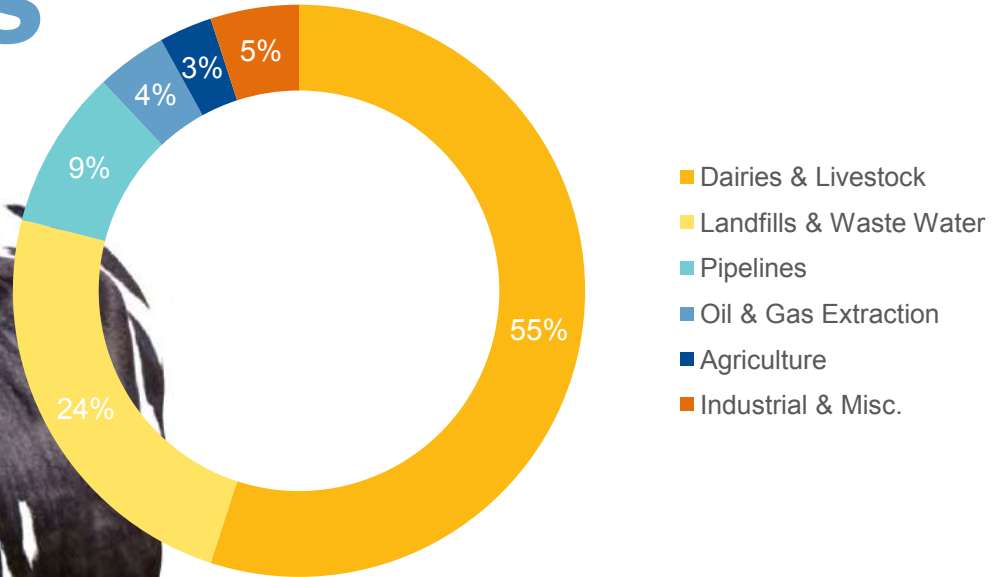
capture of methane from CA waste streams (SB1383)

Renewable Natural Gas is also more cost effective



Source: Navigant Consulting, "Gas Strategies for a Low-Carbon California Future," 2018

And RNG gives us a clear path to address CA's biggest methane emitters



Source: CARB 2015 Greenhouse Gases Emissions Inventory, 2013 Methane Emissions

The RNG supply is available (2030): in-state estimates



94 BCF

UC Davis/ARB Study:
based on current
federal and LCFS
incentives

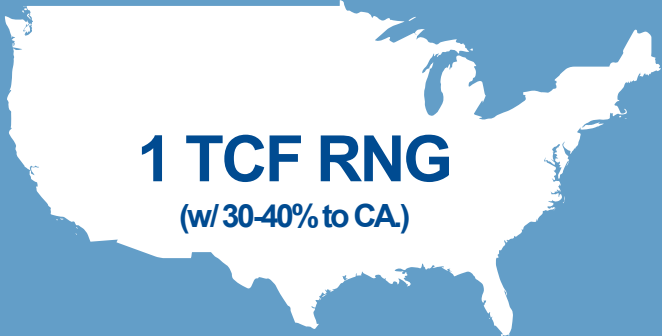
100-200 BCF

ICF Assessment:
CA with current
regulation / incentives;
100 BCF conservative
estimate

300 BCF

UC Davis/CEC Study

The RNG supply is available (2030): out-of-state resources

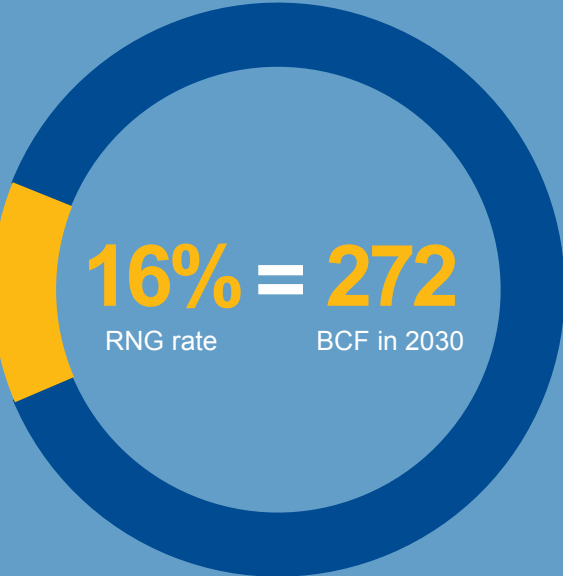


Available in the US today
(and growing to ~ 13 TCF
in 2030)



Projected CA natural
gas throughput by 2030

1.7 TCF



Sources: U.S. Department of Energy. 2016. 2016 Billion-Ton Report: Advancing Domestic Resources for a Thriving Bioeconomy, Volume 1: Economic Availability of Feedstocks. M. H. Langholtz, B. J. Stokes, and L. M. Eaton (Leads), ORNL/TM-2016/160. Oak Ridge National Laboratory, Oak Ridge, TN. 448p. doi: 10.2172/1271651.

We need to decarbonize natural gas (2050) not just electrify end-uses



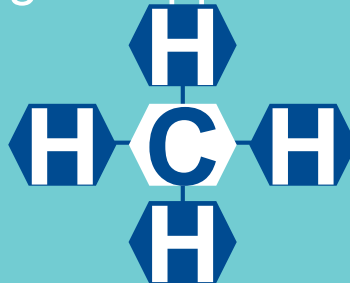
Develop the market
for renewable
natural gas

**Natural
Gas**
CH₄

(Methane)



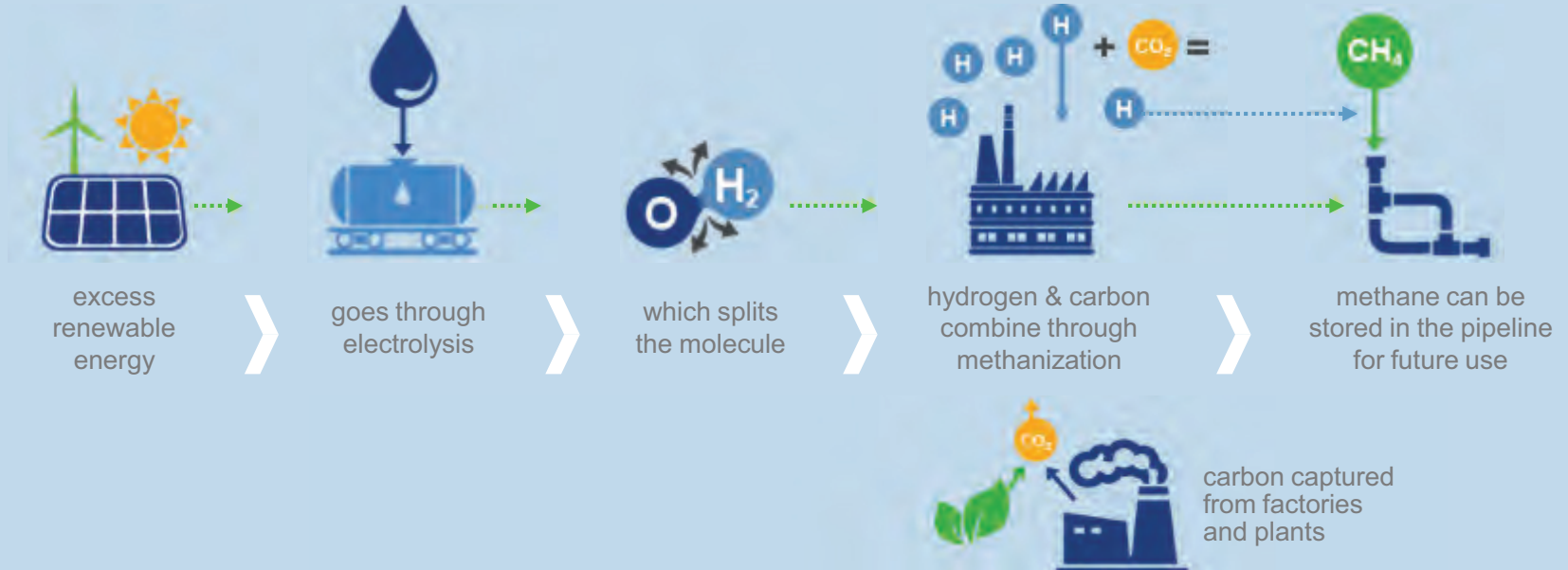
Decarbonize the
pipeline with
renewable natural
gas supplies



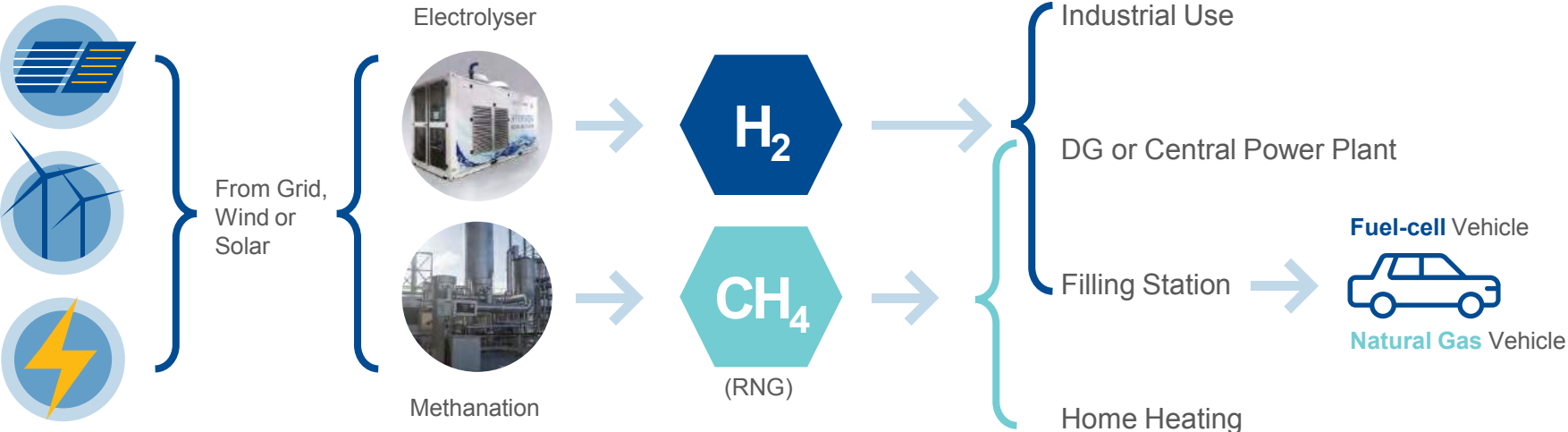
Harness Power-to-
Gas technology to
integrate electric and
natural gas grids for
long-term energy
supply and storage

Power-to-gas

converts excess renewable electricity
into renewable gas



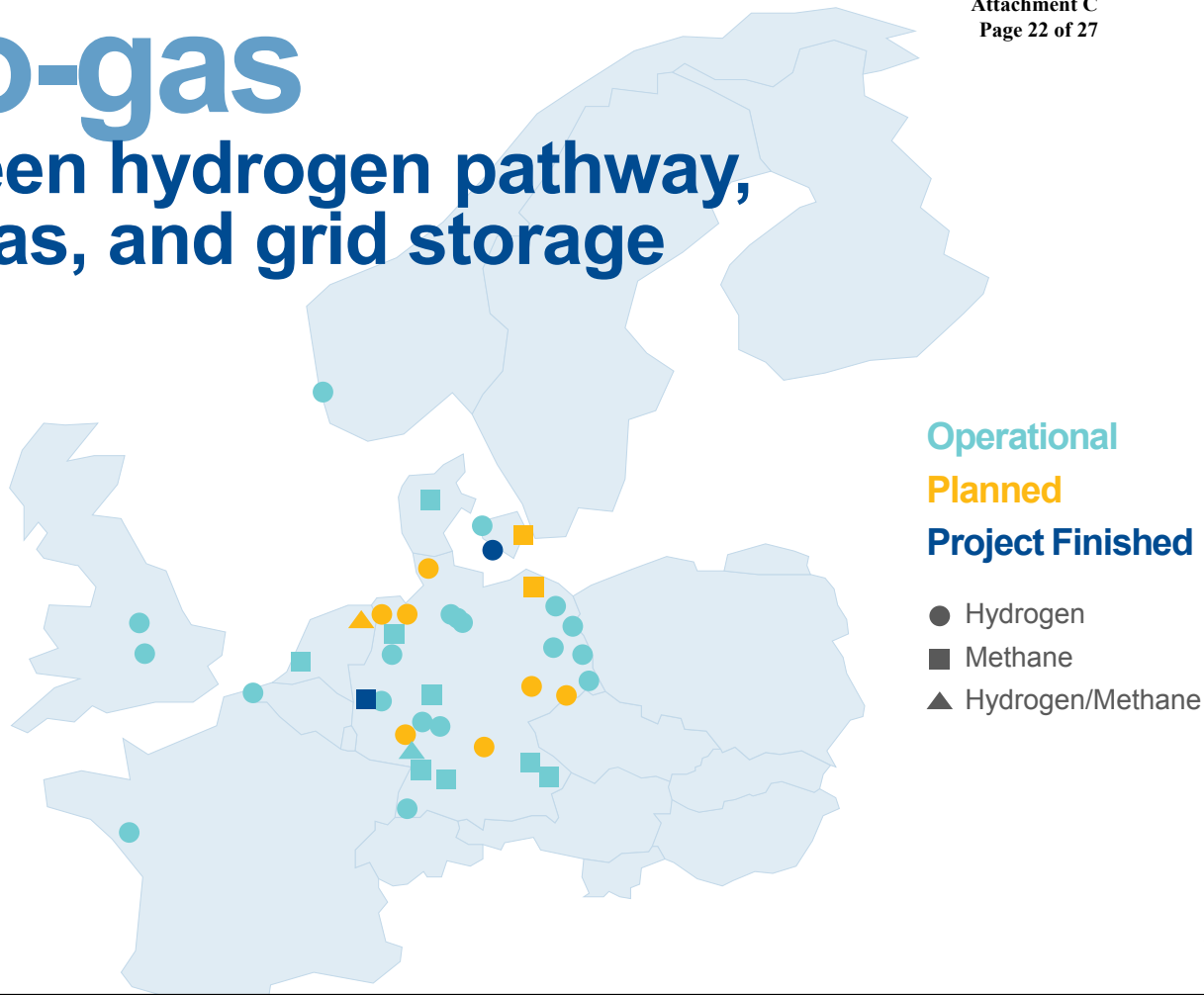
P2G creates flexibility



Power-to-gas

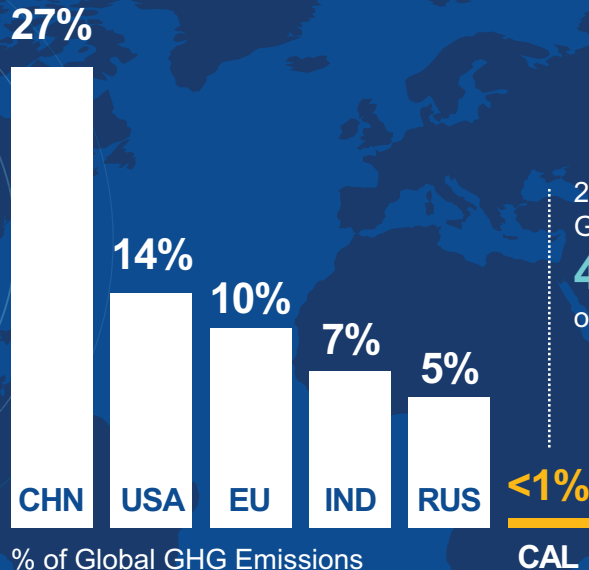
provides green hydrogen pathway,
renewable gas, and grid storage

- 70 Projects Now Launched In Europe
- 40 Projects Launched in Germany, with more in development
- 30 MW of installed capacity



Thinking globally:


Balanced Energy Solutions can have a Greater Impact



2030: Reduce
GHG emissions by
40%
of 1990 levels

How we
innovate
matters.

The point



You shouldn't have to choose between doing what's right for the environment and what your family can afford.

And with balanced energy solutions, you don't have to.

Here's what you can do



Pay attention
to the issue
and learn more



Help spread the
word with your
friends, family
and neighbors



Get involved
and let your
voice be heard

Learn more

- Californians For Balanced Energy Solutions
 - <https://c4bes.org/>
 - Non-Profit to inform energy users
 - Established to support balanced approach
 - Membership is free

Thank You

Ken Chawkins
kchawkins@semprautilities.com

**Attachment D – SoCalGas Email to Local Governments with
Attached Draft Balanced Energy Resolution**

From: Lane, Randon K <RLane2@semprautilities.com>
Sent: Wednesday, March 27, 2019 8:21 PM
To: Lane, Randon K
Subject: Model Resolution
Attachments: Model Resolution.docx

Good evening,

When I spoke to each of your councils last year about the need for Balanced Energy I was asked how you could be of help. I am asking for your support by passing this **Model Resolution Supporting Balanced Energy Solutions and Maintaining Local Control of Energy Solutions.**

I have already spoken with many of your council members and I will be following up with each of you to see if there are any questions I might be able to answer.

I understand the significance of Local Control and every cities push to maintain there own control over these types of issues.

I look forward to your support.

Thank you,

Randon Lane
Public Affairs Manager
SoCalGas
25620 Jefferson Avenue
Murrieta, California 92562

Cell: 951-830-3485
Email: rlane2@semprautilities.com



Model Resolution Supporting Balanced Energy Solutions and Maintaining Local Control of Energy Solutions

Whereas California's energy policies are critical to reducing greenhouse gas emissions and reducing the impact of climate change on our citizens; and

Whereas the state legislature and state agencies are increasingly proposing new legislation and regulations eliminating choice of energy by mandating technologies to power buildings and public and private fleets, including transit and long-haul trucking, as a strategy to achieve the state's climate goals; and

Whereas clean, affordable and reliable energy is crucial to the material health, safety and well-being of [CITY NAME] residents, particularly the most vulnerable, who live on fixed incomes, including the elderly and working families who are struggling financially; and

Whereas the need for clean, affordable and reliable energy to attract and retain local businesses, create jobs and spur economic development is vital to our city's success in a highly competitive and increasingly regional and global marketplace; and

Whereas [CITY NAME], its residents and businesses value local control and the right to choose the policies and investments that most affordably and efficiently enable them to comply with state requirements; and

Whereas building and vehicle technology mandates eliminate local control and customer choice, suppress innovation, reduce reliability and unnecessarily increase costs for [CITY NAME] residents and businesses; and

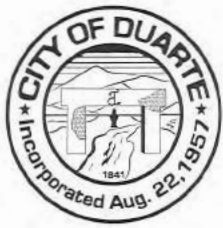
Whereas the City understands that relying on a single energy delivery system unnecessarily increases vulnerabilities to natural and man-made disasters, and that a diversity of energy delivery systems and resources contribute to greater reliability and community resilience; and

Whereas [CITY NAME] understands the need to mitigate the impacts of climate change and is committed to doing its part to help the state achieve its climate goals, but requires the flexibility to do so in a manner that best serves the needs of its residents and businesses. NOW, THEREFORE,

BE IT RESOLVED, by the Council of the City of [CITY NAME], as follows:

That the City supports balanced energy solutions that provide it with the decision-making authority and resources needed to achieve the state's climate goals and supports proposed state legislation and regulation that retains local control by allowing all technologies and energy resources that can power buildings and fuel vehicles, and also meet or exceed emissions reductions regulations.

**Attachment E – Examples of Balanced Energy Resolutions
Adopted by Local Governments**



City of Duarte

1600 Huntington Drive | Duarte, CA 91010 | Bus. 626.357.7931 | Fax 626.358.0018 | www.accessduarte.com

May 14, 2019

Honorable Chair Denis Bertone
Energy, Environment, and Natural Resources Committee
San Gabriel Valley Council of Governments
1000 S. Fremont Avenue, Unit 42, Building A-10N, Suite 10-210
Alhambra, California 91803

RE: Balanced Energy Solutions

Dear Chair Bertone:

I understand there will be a presentation by CPUC President Michael Picker at your Special Meeting of the EENR Committee and Public Works TAC on Wednesday, May 15, 2019. I would like to share with you, the Committee, and TAC, that the City of Duarte is committed to doing our part to help the State achieve its climate goals. However, flexibility and community choice are vital to ensuring that residents and businesses can make the best decision regarding individual needs. Our hope is that the EENR Committee and Public Works TAC share some of the same concerns, and will relay those to CPUC President Picker.

On February 26, 2019, the Duarte City Council adopted Resolution No. 19-02 supporting efforts to maintain local control for energy solutions. A copy is enclosed for your reference. In summary, we believe that a single source energy solution eliminates customer choice, limits local control, creates vulnerabilities to the marketplace, and unnecessarily prohibits the use of other energy sources which also can be used to achieve climate goals.

The Duarte City Council supports balanced energy solutions that provide the decision-making authority and resources needed to achieve the State's climate goals, and supports proposed State legislation and policy that retains local control by allowing technologies that can power buildings and fuel vehicles, and meet or exceed emissions reductions regulations.

Please feel free to contact me or my staff at 626-357-7931 if we can answer any questions. Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Darrell J. George".

Darrell J. George
City Manager

Enclosure – Duarte City Council Resolution No. 19-02

19-R-02

RESOLUTION NO. 19-02

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUARTE,
CALIFORNIA, SUPPORTING BALANCED ENERGY SOLUTIONS AND
THE MAINTAINING OF LOCAL CONTROL OF ENERGY SOLUTIONS**

WHEREAS, California’s energy policies are critical to reducing greenhouse gas emissions and reducing the impact of climate change on our citizens; and

WHEREAS, the State legislature and State agencies are increasingly proposing new legislation and regulations eliminating choice of energy by mandating technologies to power buildings and public and private fleets, including transit and long-haul trucking, as a strategy to achieve the State’s climate goals; and

WHEREAS, clean, affordable, and reliable energy is crucial to the material health, safety, and well-being of Duarte residents, particularly the most vulnerable who live on fixed incomes, including the elderly and working families who are struggling financially; and

WHEREAS, the need for clean, affordable, and reliable energy to attract and retain local businesses, create jobs, and spur economic development is vital to our City’s success in a highly competitive and increasingly regional and global marketplace; and

WHEREAS, the City of Duarte, its residents, and its businesses value local control and the right to choose the policies and investments that most affordably and efficiently enable them to comply with State requirements; and

WHEREAS, building and vehicle technology mandates eliminate local control and customer choice, suppress innovation, reduce reliability, and unnecessarily increase costs for Duarte residents and businesses; and

WHEREAS, the City of Duarte understands that relying on a single energy delivery system unnecessarily increases vulnerabilities to natural and man-made disasters, and that a diversity of energy delivery systems and resources contribute to greater reliability and community resilience; and

WHEREAS, the City of Duarte understands the need to mitigate the impacts of climate change, and is committed to doing its part to help the State achieve its climate goals, but requires the flexibility to do so in a manner that best serves the needs of its residents and businesses;

NOW, THEREFORE, the City Council of the City of Duarte, California, does hereby support balanced energy solutions that provide the decision-making authority and resources needed to achieve the State’s climate goals, and supports proposed State legislation and policy that retains local control by allowing technologies that can power buildings and fuel vehicles, and meet or exceed emissions reductions regulations.

PASSED, APPROVED, and ADOPTED this 26th day of February, 2019.

/s/ Tzeitel Paras-Caracci
Mayor Tzeitel Paras-Caracci

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss.
CITY OF DUARTE)

I, Marla Akana, City Clerk of the City of Duarte, County of Los Angeles, State of California, hereby attest to the above signature and certify that Resolution No. 19-02 was adopted by the City Council of said City of Duarte at a regular meeting of said Council held on the 26th day of February, 2019, by the following vote:

- AYES: Councilmembers: Fasana, Kang, Nunez, Reilly, Urias, Paras-Caracci
- NOES: Councilmembers: None
- ABSENT: Councilmembers: Finlay
- ABSTAIN: Councilmembers: None

/s/ Marla Akana
City Clerk Marla Akana
City of Duarte, California



May 14, 2019

Honorable Chair Denis Bertone
Energy, Environment and Natural Resources Committee
San Gabriel Valley Council of Governments
1000 S. Fremont Avenue, Suite 10-210
Alhambra, CA 91803

Delivered via EMAIL

RE: BALANCED ENERGY SOLUTIONS

Dear Chair Bertone:

I understand there will be a presentation by CPUC President Michael Picker at your Special Meeting of the EENR Committee and Public Works TAC on Wednesday May, 15, 2019. I would like to share with you, the Committee and TAC, that Diamond Bar is committed to doing our part to help the state achieve its climate goals. However, flexibility and community choice are vital to ensuring that residents and businesses can make the best decision regarding individual needs. Our hope is that the EENR Committee and Public Works TAC share some of the same concerns and will relay those to CPUC President Picker.

On April 16, 2019, the Diamond Bar City Council adopted Resolution No. 2019-10 supporting efforts to maintain local control for energy solutions. A copy is attached for your reference. In summary, we believe that a single source energy solution eliminates customer choice, limits local control, creates vulnerabilities to the marketplace, and unnecessarily prohibits the use of other energy sources which also can be used to achieve climate goals.

Mandating all electrical appliances in new buildings is also a significant change that will be reflected in Title 24 and implemented through the State Building Codes by Community Development, Planning and Building Departments in most of our cities. It is requested that the EENR Committee also seek input from Planning TAC in addition to the Public Works TAC, as it will be the Planning and Building Staff that will be on the front lines being forced to implement these new regulations.

Carol Herrera
Mayor

Steve Tye
Mayor Pro Tem

Andrew Chou
Council Member

Ruth M. Low
Council Member

Nancy A. Lyons
Council Member

EENR Committee
Balanced Energy Solutions
May 14, 2019
Page 2

Please feel free to contact me or my Staff at 909.839.7010 if we can answer any questions.
Thank you for your consideration.

Sincerely,


Daniel Fox
City Manager

Attachment: City Council Resolution No. 2019-10, Balanced Energy Solutions

cc: City Council
David Liu, Public Works Director
Marisa Creter, Executive Director/CEO, SGVCOG
Rene Guerrero, Chair, PW TAC, SGVCOG
Craig Hensley, Chair, Planning TAC
Robert Cruz, Public Affairs Manager, So Cal Gas

RESOLUTION NO. 2019- 10

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY
OF DIAMOND BAR SUPPORTING EFFORTS TO
MAINTAIN LOCAL CONTROL OF ENERGY SOLUTIONS**

WHEREAS California's energy policies are critical to reducing greenhouse gas emissions and reducing the impact of climate change; and

WHEREAS the state legislature and state agencies are increasingly proposing new legislation and regulations eliminating choice of energy by mandating single source technologies to power buildings and public fleets, including transit, as a strategy to help achieve the state's climate goals; and

WHEREAS the City of Diamond Bar, its residents and businesses, value local control and the right to choose the policies and investments that most affordably and efficiently enable them to comply with state requirements; and

WHEREAS single source building and vehicle technology mandates eliminate local control and customer choice, suppress innovation, reduce reliability and unnecessarily increase costs for Diamond Bar residents and businesses; and

WHEREAS relying on a single energy delivery system unnecessarily increases vulnerabilities to natural and man-made disasters, and that a diversity of energy delivery systems and resources contribute to greater reliability and community resilience; and

WHEREAS the City of Diamond Bar is committed to doing its part to help the state achieve its climate goals, but requires the flexibility to do so in a manner that best serves the needs of its residents and businesses.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the City of Diamond Bar does hereby support balanced energy solutions that provide local control authority, and opposes proposed state legislation and policy that eliminate such local control or mandates single energy technologies, to achieve the state's climate goals.

PASSED, APPROVED, AND ADOPTED this 16th day of April, 2019.

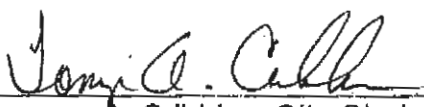


Carol Herrera, Mayor

ATTEST:

I, Tommye A. Cribbins, City Clerk of the City of Diamond Bar, California, do hereby certify that the foregoing Resolution was duly and regularly passed, approved and adopted by the City Council of the City of Diamond Bar, California, at its Regular meeting held on the 16th day of April 2019, by the following Roll Call vote:

AYES: COUNCILMEMBERS: Chou, Low, Lyons, MPT/Tye,
M/Herrera
NOES: COUNCILMEMBERS: None
ABSENT: COUNCILMEMBERS: None
ABSTAIN: COUNCILMEMBERS: None



Tommye A. Cribbins, City Clerk
City of Diamond Bar

BEFORE THE BOARD OF SUPERVISORS
OF THE COUNTY OF KINGS, STATE OF CALIFORNIA

IN THE MATTER OF SUPPORTING
BALANCED ENERGY SOLUTIONS
AND MAINTAINING LOCAL CONTROL
OF ENERGY SOLUTIONS /

RESOLUTION NO. 19-029

WHEREAS, California's energy policies are critical to reducing greenhouse gas emissions and reducing the impact of climate change on our citizens; and

WHEREAS, the state legislature and state agencies are increasingly proposing new legislation and regulations eliminating choice of energy by mandating technologies to power buildings and public and private fleets, including transit and long-haul trucking, as a strategy to achieve the state's climate goals; and

WHEREAS, clean, affordable and reliable energy is crucial to the material health, safety and well-being of the residents of the County of Kings, particularly the most vulnerable, who live on fixed incomes, including the elderly and working families who are struggling financially; and

WHEREAS, the need for clean, affordable and reliable energy to attract and retain local businesses, create jobs and spur economic development is vital to the County's success in a highly competitive and increasingly regional and global marketplace; and

WHEREAS, the County, its residents, and businesses value local control and the right to choose the policies and investments that most affordably and efficiently enable them to comply with state requirements; and

WHEREAS, building and vehicle technology mandates eliminate local control and customer choice, suppress innovation, reduce reliability and unnecessarily increase costs for County residents and businesses; and

WHEREAS, the County understands that relying on a single energy delivery system unnecessarily increases vulnerabilities to natural and man-made disasters, and that a diversity of energy delivery systems and resources contribute to greater reliability and community resilience; and

WHEREAS, the County understands the need to mitigate the impacts of climate change and is committed to doing its part to help the state achieve its climate goals, but requires the flexibility to do so in a manner that best serves the needs of its residents and businesses.

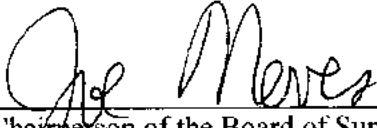
NOW, THEREFORE, IT IS HEREBY RESOLVED as follows:

1. That the Kings County Board of Supervisors supports balanced energy solutions that provide it with the decision-making authority and resources needed to achieve the state's

climate goals and supports proposed state legislation and regulation that retains local control by allowing all technologies and energy resources that can power buildings and fuel vehicles, and also meet or exceed emissions reductions regulations.

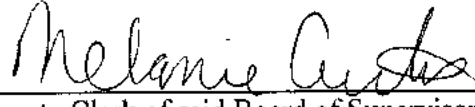
The foregoing Resolution was adopted upon motion by Supervisor Fagundes, seconded by Supervisor Verboon, at a regular meeting held on April 2, 2019, by the following vote:

AYES: Supervisors Fagundes, Verboon, Valle, Pedersen, Neves
NOES: None
ABSENT: None
ABSTAIN: None



Chairperson of the Board of Supervisors
County of Kings, State of California

IN WITNESS WHEREOF, I have set my hand this 2nd day of April, 2019.



Deputy Clerk of said Board of Supervisors

BEFORE THE BOARD OF SUPERVISORS COUNTY OF TULARE, STATE OF CALIFORNIA

IN THE MATTER OF APPROVE)
RESOLUTION IN SUPPORT OF) Resolution No. 2019-0339
BALANCED ENERGY SOLUTIONS)
)

WHEREAS, California's energy policies are critical to reducing greenhouse gas emissions and reducing the impact of climate change on our citizens; and

WHEREAS, the state legislature and state agencies are increasingly proposing new legislation and regulations eliminating choice of energy by mandating technologies to power buildings and public and private fleets, including transit and long-haul trucking, as a strategy to achieve the state's climate goals; and

WHEREAS, clean, affordable and reliable energy is crucial to the material health, safety and well-being of Tulare County residents, particularly the most vulnerable, who live on fixed incomes, including the elderly and working families who are struggling financially; and

WHEREAS, the need for clean, affordable and reliable energy to attract and retain local businesses, create jobs and spur economic development is vital to our city's success in a highly competitive and increasingly regional and global marketplace; and

WHEREAS, Tulare County, its residents and businesses value local control and the right to choose the policies and investments that most affordably and efficiently enable them to comply with state requirements; and

WHEREAS, building and vehicle technology mandates eliminate local control and customer choice, suppress innovation, reduce reliability and unnecessarily increase costs for County residents and businesses; and

WHEREAS, the County understands that relying on a single energy delivery system unnecessarily increases vulnerabilities to natural and man-made disasters, and that a diversity of energy delivery systems and resources contribute to greater reliability and community resilience; and

WHEREAS, Tulare County understands the need to mitigate the impacts of climate change and is committed to doing its part to help the state achieve its climate goals, but requires the flexibility to do so in a manner that best serves the needs of its residents and businesses.

NOW, THEREFORE BE IT RESOLVED, that the Tulare County Board of Supervisors support balanced energy solutions that provide it with the decision-making authority and resources needed to achieve the state's climate goals and supports proposed state legislation and regulation that retains local control by allowing all technologies and energy resources that can power buildings and fuel vehicles, and also meet or exceed emissions reductions regulations.

UPON MOTION OF SUPERVISOR SHUKLIAN, SECONDED BY SUPERVISOR TOWNSEND, THE FOLLOWING WAS ADOPTED BY THE BOARD OF SUPERVISORS, AT AN OFFICIAL MEETING HELD May 7, 2019, BY THE FOLLOWING VOTE:

AYES: SUPERVISORS CROCKER, VANDER POEL, SHUKLIAN, VALERO AND TOWNSEND
NOES: NONE
ABSTAIN: NONE
ABSENT: NONE



ATTEST: JASON T. BRITT
COUNTY ADMINISTRATIVE OFFICER/
CLERK, BOARD OF SUPERVISORS

BY: *Mercedes Llamas*
Deputy Clerk

Approved a resolution supporting balanced energy solutions and maintaining local control of energy solutions.

BOS

05/07/2019
ML



**Board of Supervisors
 COUNTY OF TULARE
 AGENDA ITEM**

BOARD OF SUPERVISORS

- KUYLER CROCKER
District One
- PETE VANDER POEL
District Two
- AMY SHUKLIAN
District Three
- EDDIE VALERO
District Four
- DENNIS TOWNSEND
District Five

AGENDA DATE: May 7, 2019 - REVISED

Public Hearing Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Scheduled Public Hearing w/Clerk	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Published Notice Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Advertised Published Notice	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Meet & Confer Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Electronic file(s) has been sent	Yes	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Budget Transfer (Aud 308) attached	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Personnel Resolution attached	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Agreements are attached and signature line for Chairman is marked with tab(s)/flag(s)	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>

CONTACT PERSON: Julieta Martinez PHONE: 559.636.5000

SUBJECT: Approve resolution in support of balanced energy solutions

REQUEST(S):
 That the Board of Supervisors:
 Approve a resolution supporting balanced energy solutions and maintaining local control of energy solutions.

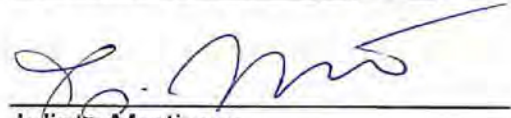
SUMMARY:
 SoCalGas has requested that the Tulare County Board of Supervisors adopt a resolution supporting balanced energy solutions. State regulators at the California Public Utilities Commission have launched a proceeding to determine how to reduce greenhouse gas emissions from buildings to meet state climate goals. Some state regulators are advancing a singular pathway. SoCalGas support a more balanced approach to building decarbonization and is asking the Board to support that effort. A one page summary of the issue is included for further background information.

FISCAL IMPACT/FINANCING:
 There is no Net County Cost to the General Fund.

LINKAGE TO THE COUNTY OF TULARE STRATEGIC BUSINESS PLAN:
 Approve resolution in support of balanced energy solutions is linked to the Quality of Life initiative – Promote public health and welfare, educational opportunities, natural resource management and continued improvement of environmental quality.

SUBJECT: Resolution in support of balanced energy solutions
DATE: May 7, 2019

ADMINISTRATIVE SIGN-OFF:



Julieta Martinez
Chief of Staff

cc: County Administrative Office

Attachment(s) SoCalGas One Page Summary



Building Decarbonization

Addressing Building Emissions

State regulators at the California Public Utilities Commission have launched a proceeding to determine how to reduce greenhouse gas emissions from buildings to meet state climate goals. The proceeding has far-reaching implications for our choice of the energy and appliances we use, for energy affordability and reliability.

While there are a number of different ways to reduce building emissions, some state legislators and regulators are advancing a singular pathway called electrification. Electrification means converting all existing natural gas end uses in buildings to electricity, including space and water heating, cooking, and commercial and industrial equipment.

Those supporting electrification contend that, since electricity is increasingly generated with renewable resources, it is the only power source that should be available to consumers. This approach is too simplistic and not likely to be successful in achieving California's goal of carbon neutrality by 2045.

SoCalGas, consumer and business advocacy groups support a more balanced approach to building decarbonization that considers the environment, customer choice, affordability and reliability. We feel that the State should use all the resources and tools it has available to address climate change.

Renewable Natural Gas: Cost-Effective Decarbonization

SoCalGas, along with academics and researchers, believe that by introducing renewable natural gas into the existing pipeline system (and in the future, carbon-neutral hydrogen), we can decarbonize buildings while preserving customer choice and making sure that every family can afford California's clean energy future.

Renewable natural gas is produced from renewable resources, such as landfills and waste water treatment plants, as well as biomass sources, including animal waste, crop residue and food waste. Collecting gas from these sources to create renewable fuel puts organic waste to beneficial use and reduces traditional fossil fuel use. Renewable natural gas is also complementary to other renewable energy sources, like solar and wind, since it is available day and night to make the entire energy system cleaner and more reliable.

If SoCalGas replaces just 16 to 20 percent of traditional fossil natural gas with renewable gas resources, it would be up to 2 to 3 times more cost effective in reducing greenhouse gas emissions than electrification. This would help keep energy affordable. And it would be less disruptive for customers. They could continue to use the kind of energy they prefer. Customers also would not have to make electrical upgrades or replace appliances or equipment.

Advancing Balanced, Inclusive Policies

We believe state regulators should strike a balance and pursue more inclusive solutions that address climate change through use of renewable electricity, renewable natural gas, natural gas, hydrogen and fuel cells.

**BEFORE THE BOARD OF SUPERVISORS
COUNTY OF KERN, STATE OF CALIFORNIA**

In the matter of:

Resolution No. 2019-104

**SUPPORT FOR BALANCED ENERGY
SOLUTIONS AND MAINTAINING LOCAL
CONTROL**

I, KATHLEEN KRAUSE, Clerk of the Board of Supervisors of the County of Kern, State of California, certify that the following resolution, on motion of Supervisor Gleason, seconded by Supervisor Maggard, was duly passed and adopted by the Board of Supervisors of the County of Kern at an official meeting on the 30th day of April, 2019, by the following vote:

AYES: Gleason, Scrivner, Maggard, Couch, Perez

NOES: None

ABSENT: None



KATHLEEN KRAUSE
Clerk of the Board of Supervisors
County of Kern, State of California


Deputy Clerk

RESOLUTION

Section 1. WHEREAS:

- (a) California's energy policies are critical to reducing greenhouse gas emissions and reducing the impact of climate change on our citizens; and
- (b) the State Legislature and state agencies are increasingly proposing new legislation and regulations eliminating choice of energy by mandating technologies to power buildings and public and private fleets, including transit and long-haul trucking, as a strategy to achieve the state's climate goals; and

- (c) clean, affordable and reliable energy is crucial to the material health, safety and well-being of Kern County residents, particularly our most vulnerable, including the elderly who live on fixed incomes and working families who often live paycheck to paycheck; and
- (d) the need for clean, affordable and reliable energy to attract and retain local businesses, create jobs and spur economic development is vital to our County's success in a highly competitive and increasingly regional and global marketplace; and
- (e) the County of Kern, its residents and businesses value local control and the right to choose the policies and investments that most affordably and efficiently enable them to comply with state requirements; and
- (f) building and vehicle technology mandates eliminate local control and customer choice, suppress innovation, reduce reliability and unnecessarily increase costs for Kern County residents and businesses; and
- (g) the County of Kern understands that relying on a single energy delivery system unnecessarily increases vulnerabilities to natural and man-made disasters, and that a diversity of energy delivery systems and resources contribute to greater reliability and community resilience; and
- (h) the County of Kern understands the need to mitigate the impacts of climate change and is committed to doing its part to help the state achieve its climate goals, but requires the flexibility to do so in a manner that best serves the needs of its residents and businesses.

Section 2. IT IS RESOLVED by the Board of Supervisors of the County of Kern, State of California, as follows:

1. The County supports balanced energy solutions that maintain local decision-making authority to achieve the state's climate goals and supports proposed state legislation and regulation that retains local control by allowing all technologies and energy resources that meet or exceed emissions reductions regulations to be used to power buildings and fuel vehicles.
2. The Clerk of the Board shall transmit copies of this Resolution to the following:

State Senator Shannon Grove
State Capitol, Room 305
Sacramento, CA 95814

State Senator Melissa Hurtado
State Capitol, Room 2054
Sacramento, CA 2054

Assembly Member Vince Fong
Capitol Office, Room 2002
Sacramento, CA 94249

Assembly Member Rudy Salas
Capitol Office, Room 4016
Sacramento, CA 94249

Assembly Member Tom Lackey
Capitol Office, Room 2174
Sacramento, CA 94249

Assembly Member Devon Mathis
Capitol Office, Room 2111
Sacramento, CA 94249

Robert Duchow
Southern California Gas Company
3701 Pegasus Drive, Suite 114
Bakersfield, CA 93308-2559

Neil Black
California Bioenergy
324 S. Santa Fe Street, Suite A
Visalia, CA 93292

COPIES FURNISHED:
<i>See above</i>
<i>5/3/2019 (TD)</i>

**Attachment F – Emails from Robert Cruz, SoCalGas Public Affairs
Manager, to Tim Sandoval, Mayor of City of Pomona,
with Attachments**

To: tim_sandoval@ci.pomona.ca.us[tim_sandoval@ci.pomona.ca.us]
From: Cruz, Robert
Sent: Thur 1/31/2019 12:12:55 PM
Subject: IMPORTANT: Balanced Energy Model Ordinance and Other Items
[Model Ordinance Aug 2018-1.docx](#)

Tim, good afternoon.....It was great meeting with you and catching up!

Here is the model reso.entitled "Maintaining Local Control of Energy Resolutions" we discussed and you were going o schedule a meeting with you, Linda and myself. Please keep me posted.

You were going to issue an invite to me to be on your new Mayor's Business Advisory Council. I look forward to serving with this team and supporting ypopur efforts to improve the City of Pomona!

And finally you were going to develop and send me an "official" request to support your inaugural Neighborhood Adoption Program! Please be sure to get that to me soon so I can earmark some funds for that effort!

Thank you and let me know what else I can do to support your overall efforts to improve the quality of life for Pomonans!

Regards,
Robert Cruz

Get [Outlook for iOS](#)

From: Cruz, Robert <rcruz1@semprautilities.com>
Sent: Thursday, January 31, 2019 12:01 PM
To: Cruz, Robert
Subject: Balanced Energy Model Ordinance

Model Ordinance Aug 2018.docx

[OBJ]

Get [Outlook for iOS](#)

Model Resolution for Maintaining Local Control of Energy Solutions

Whereas California's energy policies are critical to reducing greenhouse gas emissions and reducing the impact of climate change on our citizens; and

Whereas the state legislature and state agencies are increasingly proposing new legislation and regulations eliminating choice of energy by mandating technologies to power buildings and public and private fleets, including transit and long-haul trucking, as a strategy to achieve the state's climate goals; and

Whereas clean, affordable and reliable energy is crucial to the material health, safety and well-being of [CITY NAME] residents, particularly the most vulnerable, who live on fixed incomes, including the elderly and working families who are struggling financially; and

Whereas the need for clean, affordable and reliable energy to attract and retain local businesses, create jobs and spur economic development is vital to our city's success in a highly competitive and increasingly regional and global marketplace; and

Whereas [CITY NAME], its residents and businesses value local control and the right to choose the policies and investments that most affordably and efficiently enable them to comply with state requirements; and

Whereas building and vehicle technology mandates eliminate local control and customer choice, suppress innovation, reduce reliability and unnecessarily increase costs for [CITY NAME] residents and businesses; and

Whereas the City understands that relying on a single energy delivery system unnecessarily increases vulnerabilities to natural and man-made disasters, and that a diversity of energy delivery systems and resources contribute to greater reliability and community resilience; and

Whereas [CITY NAME] understands the need to mitigate the impacts of climate change and is committed to doing its part to help the state achieve its climate goals, but requires the flexibility to do so in a manner that best serves the needs of its residents and businesses. NOW, THEREFORE,

BE IT RESOLVED, by the Council of the City of [CITY NAME], as follows:

That the City supports balanced energy solutions that provide it with the decision-making authority and resources needed to achieve the state's climate goals and opposes proposed state legislation and policy that eliminate local control by mandating technologies that can be used to power buildings and fuel vehicles, and also meet or exceed emissions reductions regulations.

To: tim_sandoval@ci.pomona.ca.us[tim_sandoval@ci.pomona.ca.us]; Anthony Duarte[anthonyd@regionalchambersgv.com]; Jorge Marquez [Redacted]; Rose Calderon [Redacted]; Joe Rocha[jrocha@ci.azusa.ca.us]; Joe Rocha[jrocha@azusaca.gov]
From: Cruz, Robert
Sent: Mon 4/15/2019 11:48:19 AM
Subject: Need your Support!
[C4BES JOIN CLEAN Final 021419-4.pdf](#)

All, Good afternoon. I have been asked by our senior leadership team to identify some key Latino leaders that might consider supporting the current Californians For Better Energy Solutions effort. Please review that attached letter and let me know if we can count on your support and you will consider to be a part of this effort.

Please let me know if you have any questions and thank you in advance for your consideration and leadership!

Regards,
Robert Cruz

Get [Outlook for iOS](#)

From: Cruz, Robert <rcruz1@semprautilities.com>
Sent: Monday, April 15, 2019 12:38 PM
To: Cruz, Robert
Subject: Need your Support!

Get [Outlook for iOS](#)

Californians for Balanced Energy Solutions



Last year special interests and state officials tried to outlaw the use of natural and renewable gas first in LA County, then state-wide! Together, we beat the CPUC's proposed moratorium on winter gas hook-ups, and then turned around AB 3232, a bill originally designed by building electrification advocates to mandate the construction of "zero emission" buildings.

There is a well-orchestrated campaign designed to pass mandates to tell builders what to build, restaurants how to cook, businesses how to operate facilities, local governments how to set building standards and homeowners how to heat homes and prepare the family meals. These anti-gas forces are not giving up. In 2019 they are escalating their "electric-only" campaign, not just at the legislature, but now at the state's energy and environmental agencies, the California Public Utilities Commission (CPUC), the California Air Resources Board (CARB) and the California Energy Commission (CEC). These days, anti-gas fervor and commentary is also witnessed at every board meeting of the South Coast AQMD.

If this "electric-only" mandate monopoly is successful, then residential, commercial and industrial energy choice will be gone, energy costs will increase, already high housing costs will skyrocket, and energy reliability will be jeopardized. In addition, businesses and industry will be forced to raise prices to pay for costly mandates or leave the state jeopardizing thousands of jobs. Ironically, banning combustion of gas will set back California's efforts to reduce air pollution and fight climate change.

We believe gas users and providers must respond.

We have formed [Californians for Balanced Energy Solutions \(C4BES\)](#) to educate gas users and the public on this future agenda and to rally support for the crucial role that natural gas, and increasingly renewable gas, plays in California's energy future, and its peoples' daily lives. The availability of natural and renewable gas provides Californians with energy choice, affordability, and reliability for our economic well-being and quality of life. And it has and will continue to contribute to the state's effort to reduce emissions to address the challenges of climate change.

C4BES is not an "anti-electric" crusade. On the contrary it is a pro energy choice campaign. California needs smart, balanced policies that value diverse energy sources including electricity and gas not misguided one-size-fits-all mandates.

C4BES is building a [broad coalition](#) that includes families, local government, commercial and industrial gas users, for-profit and nonprofit housing developers, community organizations, healthcare providers, and schools and other institutional facilities, agriculture, and labor all of whom rely on gas energy, and seek to continue to rely on gas, while still making a difference in our environment. We embrace energy choice. Electricity is not the only acceptable form of energy.

Won't you answer the call? Please join **Californians for Balanced Energy Solutions** to promote energy choice, energy affordability, and energy reliability. We believe balanced energy solutions are essential for our environment, our economy and our daily lives.

Become a member by visiting www.C4BES.org/join.

Sincerely,

Matt Rahn

Chair, Californians for Balanced Energy Solutions (C4BES)

Attachment G – Screenshot of Email Dated April 29, 2019 from Naomi Barnes, Managing Director, Natural Gas Initiative at Stanford University, Re: SoCalGas seeking consultant on decarbonization of California

From: **Naomi L. Boness** <naomi.boness@stanford.edu>
Date: Mon, Apr 29, 2019 at 3:14 PM
Subject: SoCalGas seeking consultant on decarbonization in California
To: Naomi L. Boness <naomi.boness@stanford.edu>

Dear Stanford Energy colleagues,

As you know, California is having public policy debate about the future role of natural gas and the outlook for renewable or low-carbon natural gas resources. Last year, SoCalGas (a Stanford Natural Gas Initiative affiliate member) engaged Navigant to conduct a technical analysis of:

- Potential greenhouse gas (GHG) emissions reductions from building electrification
- Estimated amount of renewable gas (RG) needed to match reductions under different scenarios
- Projected combined annual cost for consumer utility and appliance costs in each scenario
- Cost-effectiveness of each GHG emissions reduction strategy under different assumptions.

The Navigant report (attached) quantified the amount of RG needed to supply SoCalGas' retail customers to decarbonize gas at a similar pace as the electric supply. That is, how much RG would have to be supplied so building end uses have the same GHG footprint regardless of whether they use or gas or electric appliances. This prompted a response (attached) from the Sierra Club attacking the study.

SoCalGas is seeking a highly regarded energy resource scientist or economist to weigh in and address Sierra Club's various claims. This could be in the form of a letter or op-ed piece, possibly followed by further research, if needed, and a peer reviewed paper on this topic in the not too distant future.

Please let me know if any of you would be interested in taking on this challenge, and feel free to forward within the Stanford community.

Best,

Naomi

Naomi Boness, Ph. D.

Managing Director, Natural Gas Initiative

Stanford University

office: Mitchell Bldg, Rm. 415

phone: (+1) 650-736-2716

mobile: (+1) 925-404-9511

email: naomi.boness@stanford.edu