

Support items 6.1 & 6.2: Existing Building Electrification and Pathway to Carbon Neutrality

Yoga with Lupe <[REDACTED]>

Tue 6/7/2022 1:12 PM

To: The Office of Mayor Sam Liccardo <[REDACTED]> District1 <[REDACTED]> District2
<[REDACTED]> District3 <[REDACTED]> District4 <[REDACTED]> District5
<[REDACTED]> District 6 <[REDACTED]> District7 <[REDACTED]> District8
<[REDACTED]> District9 <[REDACTED]> District 10 <[REDACTED]>
Cc: City Clerk <[REDACTED]> <[REDACTED]>

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Dear Mayor Liccardo, Vice Mayor Jones, and Councilmembers Arenas, Carrasco, Cohen, Davis, Esparza, Foley, Jimenez, Mahan, and Perez,

As a supporter of Mothers Out Front Silicon Valley, I support the city staff's proposed [Existing Building Electrification Framework](#) and [Pathway to Carbon Neutrality by 2030](#) as an essential part of the solution to meet our net zero climate goals in San Jose, and ask that the plans be strengthened with designated financial and human resources and target deadlines.

The Existing Building Electrification Framework **incentivizes**—but does not mandate—residents to replace old gas appliances “on burn out” or end of life with efficient electric alternatives, including electric or induction stoves, heat pump water heaters, and heat pump space heating—which also provides efficient cooling during our increasingly hot summers.

The plan provides extensive **outreach** to raise awareness of the negative health and climate impacts of using gas. Many residents would be willing to electrify, but due to limited understanding and resources and much misinformation around electrification, they often stay with conventional (fossil) gas appliances. **Most people don't know that gas stoves pollute indoor air and emit methane continuously, even when turned off, and that children in homes with gas stoves are 42% more likely to develop symptoms of asthma.**

The plan also stimulates the creation of new electrification-related **job growth** with living wages. **The plan emphasizes equity**, informed by a coalition with representatives from historically marginalized communities. **The plan includes assistance and grants to facilitate** potential “retrofit accelerator” programs and other affordability options.

The Pathway to Carbon Neutrality lays out **the steps we will need to take to achieve net zero greenhouse gas emissions**, including shifting to electric vehicles, all-electric buildings, and 100% clean electricity. The

latest climate science shows that **we must reduce fossil fuel usage rapidly to avoid catastrophic effects of climate change**. San Jose's Pathway to Carbon Neutrality will help us get there.

Please approve the Existing Building Electrification Framework and Pathway to Carbon Neutrality to help ensure a livable climate for our children.

Sincerely,

Your Name

Your Address

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Subject: Support items 6.1 & 6.2: Existing Building Electrification and Pathway to Carbon Neutrality

Marilynn Smith <[REDACTED]>

Tue 6/7/2022 12:43 PM

To: The Office of Mayor Sam Liccardo <[REDACTED]> District1 <[REDACTED]> District2 <[REDACTED]>
<[REDACTED]> District3 <[REDACTED]> District4 <[REDACTED]> District5 <[REDACTED]>
<[REDACTED]> District6 <[REDACTED]> District7 <[REDACTED]> District8 <[REDACTED]>
<[REDACTED]> District9 <[REDACTED]> District10 <[REDACTED]>
Cc: City Clerk <[REDACTED]>

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Dear Mayor Liccardo, Vice Mayor Jones, and Councilmembers Arenas, Carrasco, Cohen, Davis, Esparza, Foley, Jimenez, Mahan, and Peralez,

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Please approve the Existing Building Electrification Framework and Pathway to Carbon Neutrality to help ensure a livable climate for our children.

I have contractors in my home who are currently remodeling to get rid of natural gas appliances and make us all electric. Please encourage this all over San Jose to improve our chances of turning back the clock on Climate Change!

Sincerely,

Marilynn Smith

[REDACTED]

San Jose, CA 95127

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Equitable Building Electrification Framework on June 14

Serena Zhao [REDACTED]

Tue 6/7/2022 5:08 PM

To: District4 <District4@sanjoseca.gov>

Cc: City Clerk <city.clerk@sanjoseca.gov>;Agendadesk <Agendadesk@sanjoseca.gov>

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Councilmember Cohen -

Thank you for supporting the Equitable Building Electrification Framework at the June 6, 2022 Transportation and Environment Meeting. I ask you to continue that support at the City Council meeting on June 14 for both the Equitable Building Electrification Framework as well as the Carbon Neutral San José by 2030 Acceleration Strategy.

Fossil-fuel burning appliances emit dangerous air pollutants. Gas appliances emit more asthma-causing nitrogen dioxide pollution than all passenger vehicles in the Bay Area.

Paying for electrification is much cheaper than paying for the costs of climate change. We're already spending [\\$545 million](#) to shore up levees to protect north San Jose from flooding. Costs to build a seawall to protect the Embarcadero in San Francisco have been estimated at [\\$5 billion](#). Damages from California wildfires in the past few years have cost as much as [\\$10 billion per fire](#).

As a mother and concerned San Jose resident, I want to know that we are doing all we can to transition San Jose to a low carbon future so that my kids have a future.

Thanks for your support,
Serena

[REDACTED], San Jose, CA 95131

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Support items 6.1 & 6.2: Existing Building Electrification and Pathway to Carbon Neutrality

sean mendelson <[REDACTED]>

Wed 6/8/2022 12:16 PM

To: The Office of Mayor Sam Liccardo <[REDACTED]> District1 <[REDACTED]> District2
<[REDACTED]> District3 <[REDACTED]> District4 <[REDACTED]> District5
<[REDACTED]> District 6 <[REDACTED]> District7 <[REDACTED]> District8
<[REDACTED]> District9 <[REDACTED]> District 10 <[REDACTED]>
Cc: City Clerk <[REDACTED]> <[REDACTED]>

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Dear Mayor Liccardo, Vice Mayor Jones, and Councilmembers Arenas, Carrasco, Cohen, Davis, Esparza, Foley, Jimenez, Mahan, and Peralez,

As a *father* who is a member of Mothers Out Front Silicon Valley and Climate Reality Silicon Valley, I support the city staff's proposed [Existing Building Electrification Framework](#) and [Pathway to Carbon Neutrality by 2030](#) as an essential part of the solution to meet our net zero climate goals in San Jose, and ask that the plans be strengthened with designated financial and human resources and target deadlines. I have been working diligently to make a climate action plan in Campbell so I know the practical and symbolic impact of bold climate action during this decisive decade. As a huge urban city in the US, SJ can serve as an example for not only this country but the US. Carbon neutrality by 2030 GIVES ME REAL HOPE for my children and my children's children.

The Existing Building Electrification Framework **incentivizes**—but does not mandate—residents to replace old gas appliances “on burn out” or end of life with efficient electric alternatives, including electric or induction stoves, heat pump water heaters, and heat pump space heating—which also provides efficient cooling during our increasingly hot summers.

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The Pathway to Carbon Neutrality lays out **the steps we will need to take to achieve net zero greenhouse gas emissions**, including shifting to electric vehicles, all-electric buildings, and 100% clean electricity. The latest climate science shows that **we must reduce fossil fuel usage rapidly to avoid catastrophic effects of climate change**. San Jose's Pathway to Carbon Neutrality will help us get there.

Please approve the Existing Building Electrification Framework and Pathway to Carbon Neutrality to help ensure a livable climate for our children.

Sincerely,

Sean Mendelson

[REDACTED]

Campbell CA. 95008

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Support items 6.1 & 6.2: Existing Building Electrification and Pathway to Carbon Neutrality

Pat Lang <[REDACTED]>

Wed 6/8/2022 12:20 PM

To: The Office of Mayor Sam Liccardo <[REDACTED]> District1 <[REDACTED]> District2
<[REDACTED]> District3 <[REDACTED]> District4 <[REDACTED]> District5
<[REDACTED]> District6 <[REDACTED]> District7 <[REDACTED]> District8
<[REDACTED]> District9 <[REDACTED]> District10 <[REDACTED]>
Cc: City Clerk <[REDACTED]> <[REDACTED]>

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Please approve the Existing Building Electrification Framework and Pathway to Carbon Neutrality to help ensure a livable climate for our children.

Sincerely,

Pat Lang



Los Altos Hills, CA 94022

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Support items 6.1 & 6.2: Existing Building Electrification and Pathway to Carbon Neutrality

Kristel Wickham <[REDACTED]>

Wed 6/8/2022 3:52 PM

To: The Office of Mayor Sam Liccardo <[REDACTED]> District1 <[REDACTED]> District2
<[REDACTED]> District3 <[REDACTED]> District4 <[REDACTED]> District5
<[REDACTED]> District6 <[REDACTED]> District7 <[REDACTED]> District8
<[REDACTED]> District9 <[REDACTED]> District10 <[REDACTED]>
Cc: City Clerk <[REDACTED]> <[REDACTED]>

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Dear Mayor Liccardo, Vice Mayor Jones, and Councilmembers Arenas, Carrasco, Cohen, Davis, Esparza, Foley, Jimenez, Mahan, and Peralez,

As a supporter of Mothers Out Front Silicon Valley, I applaud the city staff's proposed [Existing Building Electrification Framework](#) and [Pathway to Carbon Neutrality by 2030](#) as an essential part of the solution to meet our net zero climate goals in San Jose, and ask that the plans be strengthened with sufficient budget, human resources and specific timelines to achieve interim targets.

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Although I live in Sunnyvale, I know that we share the same climate and many of the same key issues. If the 10th largest US city defines a Framework for Existing Building Electrification and a Pathway to Carbon Neutrality it will be a model for neighboring cities, it will position San Jose as a leader in green jobs and an equitable transition, and will help ensure a livable climate for our children. Please approve items 6.1 and 6.2.

Sincerely,

Kristel Wickham
Sunnyvale, CA

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Support items 6.1 & 6.2: Existing Building Electrification and Pathway to Carbon Neutrality

Deborah St. Julien <[REDACTED]>

Thu 6/9/2022 7:49 AM

To: District 10 <[REDACTED]> District2 <[REDACTED]>
<[REDACTED]> District4 <[REDACTED]> District5 <[REDACTED]> District 6
<[REDACTED]> District7 <[REDACTED]> District8 <[REDACTED]> District9
<[REDACTED]> <[REDACTED]> The Office of Mayor Sam Liccardo
<[REDACTED]>
Cc: City Clerk <[REDACTED]> <[REDACTED]>

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Please approve the Existing Building Electrification Framework and Pathway to Carbon Neutrality to help ensure a livable climate for our children.

Sincerely,

Deborah St. Julien

San Jose, Ca 95136

For our children and grandchildren

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Fw: Support carbon neutrality and electrification in SJ

City Clerk <[REDACTED]>

Thu 6/9/2022 8:13 AM

To: Agendadesk <[REDACTED]>

Office of the City Clerk | City of San José

200 E. Santa Clara St., Tower 14th Floor
San Jose, CA 95113
Main: 408-535-1260
Fax: 408-292-6207

How is our service? [Please take our short survey.](#)

From: Carole Gonsalves <[REDACTED]>

Sent: Wednesday, June 8, 2022 6:53 PM

To: [REDACTED] <[REDACTED]>

Cc: City Clerk <[REDACTED]> info.ca.norcal@mothersoutfront.org <info.ca.norcal@mothersoutfront.org>;

District1 <[REDACTED]> District2 <[REDACTED]> District3 <[REDACTED]> District4

<[REDACTED]> District5 <[REDACTED]> District 6 <[REDACTED]> District7

<[REDACTED]> District8 <[REDACTED]> District9 <[REDACTED]> District 10

<[REDACTED]>

Subject: Support carbon neutrality and electrification in SJ

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Please approve the Existing Building Electrification Framework and Pathway to Carbon Neutrality to help ensure a livable climate for our children.

Sincerely,

Carole Gonsalves



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Support items 6.1 & 6.2: Existing Building Electrification and Pathway to Carbon Neutrality

John McKenna <[REDACTED]>

Thu 6/9/2022 7:46 PM

To: The Office of Mayor Sam Liccardo <[REDACTED]> District1 <[REDACTED]> District2
<[REDACTED]> District3 <[REDACTED]> District4 <[REDACTED]> District5
<[REDACTED]> District6 <[REDACTED]> District7 <[REDACTED]> District8
<[REDACTED]> District9 <[REDACTED]> District10 <[REDACTED]>
Cc: City Clerk <[REDACTED]> <[REDACTED]>

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Dear Mayor Liccardo, Vice Mayor Jones, and Councilmembers Arenas, Carrasco, Cohen, Davis, Esparza, Foley, Jimenez, Mahan, and Peralez,

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Please approve the Existing Building Electrification Framework and Pathway to Carbon Neutrality to help ensure a livable climate for our children.

Sincerely,

John McKenna

 *Menlo Park, CA*

P.S. Although I am not a resident of San Jose, I wish to show my support for this plan as the climate crisis is a local, regional, and global issue that needs to be addressed by all concerned. As a resident of Menlo Park, I am voicing my concerns to my local leaders that they treat the climate crisis with the urgency that it demands and deserves.

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June 14 City Council Mtg, Agenda Item 6.1: Support 'Existing Building Electrification Framework'

Glen Garfunkel <[REDACTED]>

Thu 6/9/2022 8:31 PM

To: District9 <[REDACTED]>

Cc: City Clerk <[REDACTED]>

Agendadesk <[REDACTED]>

Ruth Merino <[REDACTED]>

[External Email]

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Dear Council Member Pam Foley,

Please support the Existing Building Electrification Framework that will be presented at the June 14th meeting.

1. Even without mandates, there is a great deal the City can and should do to facilitate a shift away from fossil fuels and toward electrification.

Workforce development and contractor training (for heat pump installations) is urgently needed, as is reliable home(or building) energy retrofit guidance, and informational resources.

Several percent of existing heating and hot water systems are replaced every year due to aging - this is low hanging fruit that can be harvested without mandates; by coordinating the needed services, the framework can greatly facilitate electrification of this and other portions of our existing buildings.

2. Climate Change is real, the consequences are very serious, and local government and individuals need to do the right thing. This issue is unlike any other issue local government has faced - climate change really is a large scale existential threat. The proposed Framework is a modest effort to get the ball rolling in the right direction. To quibble about a perceived small impact to one's budget is to miss the significance of the threat we face, and the much higher cost of inaction. To the contrary, with relatively small sacrifice the city can make significant inroads to reducing its carbon footprint. Yes, some of your constituents may object, but we must lead by example, and we must do the right thing in the short term to benefit long term. Please support the Existing Building Electrification Framework.

Thanks

Glen Garfunkel

San Jose Community Energy Advocates

District 9

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Support items 6.1 and 6.2: existing building electrification and pathway to carbon neutrality

Kristine Karnos <[REDACTED]>

Thu 6/9/2022 9:42 PM

To: The Office of Mayor Sam Liccardo <[REDACTED]> District1 <[REDACTED]> District2
<[REDACTED]> District3 <[REDACTED]> District4 <[REDACTED]> District5
<[REDACTED]> District 6 <[REDACTED]> District7 <[REDACTED]> District8
<[REDACTED]> District9 <[REDACTED]> District 10 <[REDACTED]>
Cc: City Clerk <[REDACTED]> Jenny at Mothers Out Front Silicon Valley <[REDACTED]>

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Dear Mayor Liccardo, Vice Mayor Jones, and Councilmembers Arenas, Carrasco, Cohen, Davis, Esparza, Foley, Jimenez, Mahan, and Peralez,

As a longtime resident of San Jose who has seen our climate changing, our droughts and wildfires becoming more frequent and severe, our trees becoming diseased and dying, and as a supporter of Mothers Out Front Silicon Valley, I support the city staff's proposed [Existing Building Electrification Framework](#) and [Pathway to Carbon Neutrality by 2030](#) as an essential part of the solution to meet our net zero climate goals in San Jose, and ask that the plans be strengthened with designated financial and human resources and target deadlines.

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Sincerely,

Kris Karnos

San Jose CA 95124 (district 9)

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Support items 6.1 & 6.2: Existing Building Electrification and Pathway to Carbon Neutrality

Robert Whitehair <[REDACTED]>

Fri 6/10/2022 3:32 PM

To: The Office of Mayor Sam Liccardo <[REDACTED]> District1 <[REDACTED]> District2
<[REDACTED]> District3 <[REDACTED]> District4 <[REDACTED]> District5
<[REDACTED]> District6 <[REDACTED]> District7 <[REDACTED]> District8
<[REDACTED]> District9 <[REDACTED]> District10 <[REDACTED]>
Cc: City Clerk <[REDACTED]> Michelle Hudson
<[REDACTED]>

[External Email]

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[External Email]

Dear Mayor Liccardo, Vice Mayor Jones, and Councilmembers Arenas, Carrasco, Cohen, Davis, Esparza, Foley, Jimenez, Mahan, and Peralez,

The San Mateo Climate Action Team strongly supports what is being considered on June 14, 2022, by the San Jose City Council: the proposed [Existing Building Electrification Framework](#) and [Pathway to Carbon Neutrality by 2030](#).

Replacing fuel gas appliances with their better, less polluting, less-expensive-to-operate electric alternatives is essential. Such actions provide a way for San Mateo residents and businesses to meet the objective formally adopted by the San Mateo City Council, that is, to decarbonize all homes and businesses in our city, by 2030. We are keenly interested, because if San Jose is successful, San Mateo too will be successful.

San Mateo has unabashingly copied what San Jose has so carefully crafted. San Mateo's "Pathway to Success" includes some very important markers similar to what San Jose is considering: a one stop shop where residents can learn of electrification installation options and possible funding sources, a workforce development plan to ensure an adequate supply of workers and savvy contractors, and a Reach Code affecting fuel gas appliances when they are replaced. We know that when San Mateo residents learn that they can improve their health and eliminate greenhouse gases through personal action, the answer is always a resounding "YES."

We applaud what San Jose is proposing because San Jose's Existing Building Electrification Framework **incentivizes**—but does not mandate—residents replacing old gas appliances “on burn out” or other end of life, with efficient electric alternatives, including electric or induction stoves, heat pump water heaters, and heat pump space heating.

The San Jose plan provides extensive **outreach** to raise awareness of the negative health and climate impacts of using gas. Many residents would be willing to electrify, but due to limited understanding and resources and much misinformation around electrification, they often stay with conventional (fossil) gas appliances.

The plan also stimulates the creation of new electrification-related **job growth** with living wages. **The plan emphasizes equity**, informed by a coalition with representatives from historically marginalized communities. **The plan includes assistance and grants to facilitate** potential “retrofit accelerator” programs and other affordability options.

Please approve the proposed San Jose Existing Building Electrification Framework and Pathway to Carbon Neutrality to help ensure a livable climate for our children.

Sincerely,

San Mateo Climate Action Team

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Council Agenda 6/14/22, Item 6.1, "Climate Smart San Jose Existing Building Electrification Framework"

Martin Delson <[REDACTED]>

Sun 6/12/2022 9:49 PM

To: City Clerk <city.clerk@sanjoseca.gov>

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Re: Council Agenda 6/14/22, Item 6.1, "Climate Smart San Jose Existing Building Electrification Framework"

June 12, 2022

Dear Mayor Liccardo and Members of the City Council,

The policy of electrifying all residential buildings in San Jose to reduce CO₂ emissions makes absolutely no economic sense.

The report "Electrify San Jose" attached to the Agenda Item states "*The total cost of electrifying all residential buildings in San José is an estimated \$2.7 to \$4.7 billion. This investment would eliminate more than one million metric tons of GHG emissions.*" (See Figure 1: "Citywide Residential Building Electrification Costs" on page x.) This amounts to approximately \$4,000 per metric ton of reduced CO₂: an enormous price to pay. I fully support the goal of reducing greenhouse gas emissions, and doing so as quickly as possible, but any action promoted should aim at the maximum reduction per dollar spent.

A quick search of the web turned up a 2018 report titled "*The Cost of Reducing Greenhouse Gas Emissions*" ([click here](#)). Figure 1 on page 6 of the abstract reproduces a chart produced in 2009 by the McKinsey Consulting Group. This chart shows a range of literally dozens of possible measures that may be taken to reduce CO₂ emissions. Some measures are actually net-beneficial: that is, for every dollar spent, the user not only reduces GHG emissions but actually saves money. Chief among this is switching incandescent lights to LED lighting which returns approximately \$100 to the end user per ton of CO₂ reduction.

At the opposite end of the scale, that is, the most expensive measure shown on the chart, is "gas plant CCS retrofit" which costs about \$70 per ton of CO₂ reduction. (Note: prices are in euro and use costs from 2009; the actual figure shown is 60 Euro per metric ton.) There is a wide range of other measures ranging in price or benefit from \$100 savings to \$70 cost per ton of reduced CO₂ emissions.

Compared with this, a cost of \$4,000 per metric ton of reduced CO₂ is absurdly high.

Yes, let's have San Jose be a leader in the fight against global warming, but let's be smart in what we do.

City Council should reject the goal of electrifying residential buildings as a measure to reduce greenhouse gas emissions and direct staff to investigate and report on the most cost-effective measures that can be rapidly implemented by the city to achieve a goal that we all agree on: to reduce greenhouse gas emissions as quickly as possible, not only in San Jose, but throughout the state, the U.S., and -- ideally -- the entire world.

Sincerely,

Martin Delson
Resident, San Jose

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Please support electrification

Peg Carlson-Bowen <[REDACTED]>

Mon 6/13/2022 7:10 AM

To: Foley, Pam <Pam.Foley@sanjoseca.gov>

Cc: City Clerk <city.clerk@sanjoseca.gov>; [REDACTED] <[REDACTED]>

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Dear council member Foley,

As a supporter of Mothers Out Front Silicon Valley, I support the city staff's proposed [Existing Building Electrification Framework](#) and [Pathway to Carbon Neutrality by 2030](#) as an essential part of the solution to meet our net zero climate goals in San Jose, and ask that the plans be strengthened with designated financial and human resources and target deadlines.

The Existing Building Electrification Framework **incentivizes**—but does not mandate—residents to replace old gas appliances “on burn out” or end of life with efficient electric alternatives, including electric or induction stoves, heat pump water heaters, and heat pump space heating—which also provides efficient cooling during our increasingly hot summers.

The plan provides extensive **outreach** to raise awareness of the negative health and climate impacts of using gas. Many residents would be willing to electrify, but due to limited understanding and resources and much misinformation around electrification, they often stay with conventional (fossil) gas appliances. **Most people don't know that gas stoves pollute indoor air and emit methane continuously, even when turned off, and that children in homes with gas stoves are 42% more likely to develop symptoms of asthma.**

The plan also stimulates the creation of new electrification-related **job growth** with living wages. **The plan emphasizes equity**, informed by a coalition with representatives from historically marginalized communities. **The plan includes assistance and grants to facilitate** potential “retrofit accelerator” programs and other affordability options.

The Pathway to Carbon Neutrality lays out **the steps we will need to take to achieve net zero greenhouse gas emissions**, including shifting to electric vehicles, all-electric buildings, and 100% clean electricity. The latest climate science shows that **we must reduce fossil fuel usage rapidly to avoid catastrophic effects of climate change**. San Jose's Pathway to Carbon Neutrality will help us get there.

Please approve the Existing Building Electrification Framework and Pathway to Carbon Neutrality to help ensure a livable climate for our children.

Sincerely,

Peg Carlson-Bowen

My gender pronouns are she/her/hers.

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Support of item 6.1 and 6.2 Electrification and Carbon Neutrality

Stephanie M <[REDACTED]>

Mon 6/13/2022 11:15 AM

To: The Office of Mayor Sam Liccardo <TheOfficeofMayorSamLiccardo@sanjoseca.gov>; District1 <district1@sanjoseca.gov>; District2 <District2@sanjoseca.gov>; District3 <district3@sanjoseca.gov>; District4 <District4@sanjoseca.gov>; District5 <District5@sanjoseca.gov>; District 6 <district6@sanjoseca.gov>; District7 <District7@sanjoseca.gov>; District8 <district8@sanjoseca.gov>; District9 <district9@sanjoseca.gov>; District 10 <District10@sanjoseca.gov>; City Clerk <city.clerk@sanjoseca.gov>

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Dear Mayor and Councilmembers,

My name is Stephanie Morris and I'm a volunteer with Mothers Out Front Silicon Valley. I am writing to support two proposals on the June 14th City Council Agenda.

Item 6.1: Existing Building Electrification

Thank you for this comprehensive Existing Building Electrification Plan, developed with open collaboration with community-based organizations. Yes, the climate is the driving force behind the plan, but equity is front and center. This includes the creation of jobs that pay a fair wage and offer career advancement, educational support for homeowners and installers, and financial support such as incentives and rebates. With proactive planning, we can bundle services for neighborhoods, simplify permitting, and help our neighbors afford to make the switch to electric.

I would like to emphasize that this plan **does not** mandate the removal of any fossil-fuel gas appliances, but it does incentivize and support this important transition to electric power. In San Jose we are fortunate to have San Jose Clean Energy providing residents with renewable power choices and investments in clean infrastructure. Electrification is nothing to fear, and our grid will support this change if we make it step by step.

We will not achieve our Climate Smart goals or truly protect the health and equity of our entire community without this plan. Our children and our communities are counting on your leadership.

Item 6.2: Pathway to Carbon Neutrality by 2030

As a mother, I am deeply concerned about the climate crisis. Today's children don't have the power to vote, but they will inherit the consequences of our decisions. Please lead the way for San Jose's future and for other cities to follow.

The majority of greenhouse gas emissions (85%) come from transportation and buildings. I support:

- Moving to zero-emission vehicles and supporting charging for multi family residents
- Switching our appliances from fossil fuel to electric
- Powering our community with 100 percent carbon-neutral electricity

Input is needed from all parts of the San José community, especially low-income residents, seniors, disabled residents, and struggling families, to ensure that achieving these goals empowers all of our residents to live better lives.

Thank you so much for taking up these critical climate issues and for your support

Stephanie Morris

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June 14th City Council meeting - Climate Policy

[REDACTED] <[REDACTED]>

Mon 6/13/2022 12:31 PM

To: City Clerk <city.clerk@sanjoseca.gov>

[External Email]

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As a member of the Silicon Valley Chapter of Climate Reality, I strongly support the three policies that will be discussed at tomorrow's meeting.

1. The Framework for Existing Building Electrification provides a path to the elimination of fossil fuels as energy sources and to provide access for historically marginalized communities.
2. The Pathway to Carbon Neutrality is an essential step in reducing emissions of carbon dioxide and other greenhouse gases.
3. The Transportation Demand Management and Parking Ordinance is a necessary measure to encourage the use of public transportation and to reduce automobile traffic in the city.

I urge the council to adopt these policies,

Sincerely,

Campbell Scott

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Electrify San José: A Framework for Existing Building Electrification - Item 6.1

Candice Brown <[REDACTED]>

Mon 6/13/2022 12:35 PM

To: City Clerk <city.clerk@sanjoseca.gov>

[External Email]

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Council Members,

I urge you to support the framework for Item 6.1 Electrify San Jose.

Thank you,

Candice Brown Pacheco

--

Candice Brown, Ph.D.

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Support items 6.1 & 6.2: Existing Building Electrification and Pathway to Carbon Neutrality

Ralf Buengener <[REDACTED]>

Mon 6/13/2022 1:20 PM

To: The Office of Mayor Sam Liccardo <TheOfficeofMayorSamLiccardo@sanjoseca.gov>; District1 <district1@sanjoseca.gov>; District2 <District2@sanjoseca.gov>; District3 <district3@sanjoseca.gov>; District4 <District4@sanjoseca.gov>; District5 <District5@sanjoseca.gov>; District 6 <district6@sanjoseca.gov>; District7 <District7@sanjoseca.gov>; District8 <district8@sanjoseca.gov>; District9 <district9@sanjoseca.gov>; District 10 <District10@sanjoseca.gov>

Cc: City Clerk <city.clerk@sanjoseca.gov>; [REDACTED]

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Dear Mayor Liccardo, Vice Mayor Jones, and Councilmembers Arenas, Carrasco, Cohen, Davis, Esparza, Foley, Jimenez, Mahan, and Peralez,

As a supporter of 350 Silicon Valley, I support the city staff's proposed Existing Building Electrification Framework and Pathway to Carbon Neutrality by 2030 as an essential part of the solution to meet our net zero climate goals in San Jose, and ask that the plans be strengthened with designated financial and human resources and target deadlines.

We already feel the effects of the Climate Crisis in San Jose. To mitigate them it is important that we act and that we act now. Therefore, please approve the Existing Building Electrification Framework and Pathway to Carbon Neutrality to help ensure a livable climate for our children.

The Existing Building Electrification Framework incentivizes—but does not mandate—residents to replace old gas appliances “on burn out” or end of life with efficient electric alternatives, including electric or induction stoves, heat pump water heaters, and heat pump space heating—which also provides efficient cooling during our increasingly hot summers.

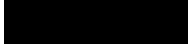
The plan provides extensive outreach to raise awareness of the

negative health and climate impacts of using gas. Many residents would be willing to electrify, but due to limited understanding and resources and much misinformation around electrification, they often stay with conventional (fossil) gas appliances. Most people don't know that gas stoves pollute indoor air and emit methane continuously, even when turned off, and that children in homes with gas stoves are 42% more likely to develop symptoms of asthma.

The plan also stimulates the creation of new electrification-related job growth with living wages. The plan emphasizes equity, informed by a coalition with representatives from historically marginalized communities. The plan includes assistance and grants to facilitate potential "retrofit accelerator" programs and other affordability options.

The Pathway to Carbon Neutrality lays out the steps we will need to take to achieve net zero greenhouse gas emissions, including shifting to electric vehicles, all-electric buildings, and 100% clean electricity. The latest climate science shows that we must reduce fossil fuel usage rapidly to avoid catastrophic effects of climate change. San Jose's Pathway to Carbon Neutrality will help us get there.

Please approve the Existing Building Electrification Framework and Pathway to Carbon Neutrality to help ensure a livable climate for our children.

Sincerely,
Dr. Ralf Buengener

San Jose, CA95112

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Item 6.1: Framework for Existing Building Electrification

Marn-Yee Lee <[REDACTED]>

Mon 6/13/2022 2:39 PM

To: City Clerk <city.clerk@sanjoseca.gov>

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I'm a resident of Mountain View and a frequent visitor to San Jose.

I strongly urge city council to vote YES on item 6.1: Electrify San José: A Framework for Existing Building Electrification.

We need to mitigate for and prepare for climate change. This plan will set up the long-term infrastructure needed to make building electrification more affordable and accessible for all San José residents. Increasing community resilience to handle the challenges of climate change is no longer theoretical.. Climate change is here and now, not future and faraway.

The city can be an example to others, on creating a framework that equitably make electrification more accessible to all, so the benefits of clean energy use are shared community-wide.

Having resiliency hub is so critical for everyone, across income level and living situations, to be able weather the increasing number of challenging air quality and heatwave days.

Thank you for your time and effort to make San Jose a leader and a great place to live/visit.

Marn Yee Lee
Co-chair, Climate Reality Silicon Valley
Resident of Mountain View

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Support items 6.1 & 6.2: Existing Building Electrification and Pathway to Carbon Neutrality

David Poeschel <[REDACTED]>

Mon 6/13/2022 3:02 PM

To: The Office of Mayor Sam Liccardo <TheOfficeofMayorSamLiccardo@sanjoseca.gov>; District1 <district1@sanjoseca.gov>; District2 <District2@sanjoseca.gov>; District3 <district3@sanjoseca.gov>; District4 <District4@sanjoseca.gov>; District5 <District5@sanjoseca.gov>; District 6 <district6@sanjoseca.gov>; District7 <District7@sanjoseca.gov>; District8 <district8@sanjoseca.gov>; District9 <district9@sanjoseca.gov>; District 10 <District10@sanjoseca.gov>

Cc: City Clerk <city.clerk@sanjoseca.gov>; [REDACTED] >

[External Email]

[External Email]

Dear Mayor Liccardo, Vice Mayor Jones, and Councilmembers Arenas, Carrasco, Cohen, Davis, Esparza, Foley, Jimenez, Mahan, and Peralez,

As a supporter of Mothers Out Front Silicon Valley, I support the city staff's proposed [Existing Building Electrification Framework](#) and [Pathway to Carbon Neutrality by 2030](#) as an essential part of the solution to meet our net zero climate goals in San Jose, and ask that the plans be strengthened with designated financial and human resources and target deadlines.

The Existing Building Electrification Framework **incentivizes**—but does not mandate—residents to replace old gas appliances “on burn out” or end of life with efficient electric alternatives, including electric or induction stoves, heat pump water heaters, and heat pump space heating—which also provides efficient cooling during our increasingly hot summers.

The plan provides extensive **outreach** to raise awareness of the negative health and climate impacts of using gas. Many residents would be willing to electrify, but due to limited understanding and resources and much misinformation around electrification, they often stay with conventional (fossil) gas appliances. **Most people don't know that gas stoves pollute indoor air and emit methane continuously, even when turned off, and that children in homes with gas stoves are 42% more likely to develop symptoms of asthma.**

The plan also stimulates the creation of new electrification-related **job growth** with living wages. **The plan emphasizes equity**, informed by a coalition with representatives from historically marginalized communities. **The plan includes assistance and grants to facilitate** potential “retrofit accelerator” programs and other affordability options.

The Pathway to Carbon Neutrality lays out **the steps we will need to take to achieve net zero greenhouse gas emissions**, including shifting to electric vehicles, all-electric buildings, and 100% clean electricity. The latest climate science shows that **we must reduce fossil fuel usage rapidly to avoid catastrophic effects of climate change**. San Jose's Pathway to Carbon Neutrality will help us get there.

Please approve the Existing Building Electrification Framework and Pathway to Carbon Neutrality to help ensure a livable climate for our children.

Sincerely,

David Poeschel
San Jose, California

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Support items 6.1 & 6.2: Existing Building Electrification and Pathway to Carbon Neutrality

Julia Howlett <[REDACTED]>

Mon 6/13/2022 3:54 PM

To: The Office of Mayor Sam Liccardo <TheOfficeofMayorSamLiccardo@sanjoseca.gov>; District1 <district1@sanjoseca.gov>; District2 <District2@sanjoseca.gov>; District3 <district3@sanjoseca.gov>; District4 <District4@sanjoseca.gov>; District5 <District5@sanjoseca.gov>; District 6 <district6@sanjoseca.gov>; District7 <District7@sanjoseca.gov>; District8 <district8@sanjoseca.gov>; District9 <district9@sanjoseca.gov>; District 10 <District10@sanjoseca.gov>

Cc: City Clerk <city.clerk@sanjoseca.gov>; [REDACTED] <[REDACTED]>

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Subject: Support items 6.1 & 6.2: Existing Building Electrification and Pathway to Carbon Neutrality

Dear Mayor Liccardo, Vice Mayor Jones, and Councilmembers Arenas, Carrasco, Cohen, Davis, Esparza, Foley, Jimenez, Mahan, and Peralez,

As a supporter of Mothers Out Front Silicon Valley, I support the city staff's proposed [Existing Building Electrification Framework](#) and [Pathway to Carbon Neutrality by 2030](#) as an essential part of the solution to meet our net zero climate goals in San Jose, and ask that the plans be strengthened with designated financial and human resources and target deadlines.

The Existing Building Electrification Framework **incentivizes**—but does not mandate—residents to replace old gas appliances “on burn out” or end of life with efficient electric alternatives, including electric or induction stoves, heat pump water heaters, and heat pump space heating—which also provides efficient cooling during our increasingly hot summers.

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The Pathway to Carbon Neutrality lays out **the steps we will need to take to achieve net zero greenhouse gas emissions**, including shifting to electric vehicles, all-electric buildings, and 100% clean electricity. The latest climate science shows that **we must reduce fossil fuel usage rapidly to avoid catastrophic effects of climate change**. San Jose’s Pathway to Carbon Neutrality will help us get there.

Please approve the Existing Building Electrification Framework and Pathway to Carbon Neutrality to help ensure a livable climate for our children.

Sincerely,

Julia Howlett

 *San Jose*

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Agenda Item 6.1 for the June 14th, 2022 San Jose Council meeting -- COMMENT LETTER

Karen Nelson <[REDACTED]>

Mon 6/13/2022 4:46 PM

To: The Office of Mayor Sam Liccardo <TheOfficeofMayorSamLiccardo@sanjoseca.gov>

Cc: City Clerk <city.clerk@sanjoseca.gov>; Agendadesk <Agendadesk@sanjoseca.gov>

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Please see the attached comment letter for Agenda Item 6.1 for the June 14th, 2022 San Jose Council meeting.

Karen Warner Nelson

Co-Chair and Founder, Climate Reality Project: Silicon Valley chapter

Founding member: NGO Community Engagement committee, San Jose Clean Energy

Board Vice-President: Avenida Espana HDC of the Santa Clara Housing Authority

Member: League of Women Voters, San Jose/Santa Clara, Climate Change committee

Consultant, Project Mgr & Instructional Designer 2020/2021: Silicon Valley Clean Energy, All-Electric 4 hour video course

(m) [REDACTED]

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June 13, 2022

The Honorable Mayor Liccardo and City Councilmembers
San José City Council
200 E. Santa Clara St.
San Jose, CA 95113

Re: Agenda Item 6.1: Support for San José's Framework for Existing Building Electrification

Dear Mayor Liccardo and City Councilmembers,

Climate Reality: Silicon Valley writes to express our strong support for the Framework for Existing Building Electrification. We need to create a substantial foundation to expand and make building electrification more affordable and accessible for all San José residents.

We recognize the progress San Jose has made to create significant building decarbonization policies. And we see the time is now to go beyond those early-stage efforts. And we applaud the Cities inclusion of community-based organizations in the Building Electrification framework. The Framework puts forward policies and programs designed to encourage and support the switch to electric by homeowners, property owners, and tenants to electrify their homes and businesses. And reducing the barriers to electrification, for all, including low-income residents and marginalized communities is the only way to successfully create an effective shift from fossil fuels to clean energy.

The Framework for Existing Building Electrification prioritizes four key focus areas that we see as a systems view that will accelerate success:

- **Improved health and indoor air quality:** By switching to electricity, members of these communities can benefit from cleaner air at home.
- **Housing and Energy Costs:** Current electric appliances are much more energy efficient than gas appliances which means that all-electric homes save money on utility bills. To achieve this shift requires government support to make this significant initial investment. We support the Framework's suggestions to develop sustainable funding sources and to expand incentives to reduce or cover the up-front cost of electric appliances, especially for low-income communities.
- **High Quality Job Opportunities:** The Framework acknowledges that we need to expand workforce training opportunities, especially for historically marginalized communities. And with that training the Framework suggests that programs be created to help generate high quality, local jobs. We support this important pillar of the plan which seeks to mobilize the switch to all-electric.
- **Clean and Reliable Energy:** The Framework also seeks to increase community resilience and make electrification more accessible to all, so the benefits of clean energy use are shared community-wide. This points to creating programs that will increase access to clean and reliable backup power, provide

access to safe community spaces or ‘community resiliency hubs’ and to build a more resilient electric grid.

By passing the Framework for Existing Building Electrification, the City of San José is taking a big step toward its carbon neutrality goal as well as a long-term commitment to building electrification and to equity.

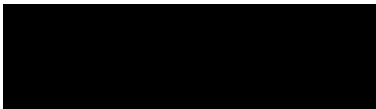
We realize that the Framework’s suggested policies and programs will require a significant investment, as will require additional staff to implement. But these investments are far less expensive compared to the local costs of inaction to mitigate issues related to health, drought, sea-rise, wild fires, heat waves and the many other devastating problems associated with global warming.

San Jose’s framework is a wonderful next step in the evaluation of our climate policy as we work to create a sustainable future for our children.

Climate Reality: Silicon Valley urges the San José City Council to take two actions related to the Framework on Tuesday, June 14:

- **Pass the Framework for Existing Building Electrification, and**
- **Ensure meaningful investments are established to support the Framework’s implementation.**

Thank you for your diligence to protect our community and the planet.



Karen Nelson
Climate Reality: Silicon Valley Founder and Co-Chair

Support for San José's Existing Building Electrification Framework (Agenda Item 6.1)

Isabella Luong <[REDACTED]>

Mon 6/13/2022 5:18 PM

To: City Clerk <city.clerk@sanjoseca.gov>


Cc: [REDACTED] <[REDACTED]>; Emily Schwing <[REDACTED]>

[External Email]

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On behalf of community-based organizations ICAN and Veggielution, please accept the attached letter of support for San José's Existing Building Electrification Framework (Agenda Item 6.1) to be heard on Tuesday, June 14.

Thank you,
Isabella Lương


Senior Research Coordinator

W. [REDACTED] | [REDACTED]
International Children Assistance Network (ICAN)

Sobrato Center for Nonprofits

[REDACTED] Milpitas CA 95035

ICAN - Family Resource Center

(located inside Vietnamese American Cultural Center)

[REDACTED] San Jose, CA 95122

Did you know that AAPIs are the least represented group
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Help make our voice heard by enrolling in the [CARE Registry](#) today.

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June 13, 2022

The Honorable Mayor Liccardo and City Councilmembers
San José City Council
200 E. Santa Clara St.
San Jose, CA 95113

Re: Support for San José's Existing Building Electrification Framework (Agenda Item 6.1)

Dear Mayor Liccardo and City Councilmembers:

On behalf of ICAN and Veggielution, as well as the other local organizations and valued members of the San José community who have signed onto this letter, we respectfully request your adoption of the Existing Building Electrification Framework to incentivize the electrification of homes and businesses in San José.

San José's Existing Building Electrification Framework is a bold and innovative response to the urgency of the climate crisis and will work to further both climate and equity imperatives. The Framework is poised to **raise awareness of the benefits** of using electric appliances, **reduce housing and energy costs** through supportive city programs, encourage the **growth of high-quality local green jobs**, and increase access to **clean and reliable energy** in San José.

Your passage of the Existing Building Electrification Framework provides a critical path toward achieving Climate Smart San José's goal of having 100% of homes be all-electric by 2050 and California's requirement of 80% emissions reductions from 1990 levels by 2050. Energy use in buildings currently accounts for roughly a third of San José's greenhouse gas (GHG) emissions, and even while San José Clean Energy brings the City's electricity supply closer and closer to 100% clean energy, we can't eliminate emissions from buildings without transitioning away from natural gas, which accounts for 19% of GHG community-wide GHG emissions.

But the benefits of existing building electrification reach far beyond meeting climate goals. Electrification improves lives by:

- **Improving indoor air quality** by avoiding dangerous chemicals emitted by gas appliances, including carbon monoxide, formaldehyde, and nitrous oxide – chemicals tied to an increased likelihood of childhood asthma and poor respiratory health;
- **Mitigating urban heat** island effects caused by gas emissions, making the City more comfortable and reducing excessive energy use for seasonal cooling needs; and
- **Saving San José residents money** by shielding them from volatile gas prices and cutting utility bills in the long term.

Due to the innovative co-creation process San José underwent partnering with both ICAN and Veggielution, the City was able to tailor the Framework to the unique priorities and concerns of San José communities, particularly those that have been historically marginalized. This step was essential in the Framework's development, as building electrification is inextricably linked to housing, and housing is an area where people – particularly people of color – are most impacted by health and financial inequities in society. Through this co-creation process, the recommendations in the Framework were shaped to both meet community priorities and proactively safeguard against any potential risks of building electrification.

Leveraging the expertise of our partners and members of the community, San José's Existing Building Electrification Framework sets the city on a path to:

- Invest in supportive programs and funding to enable an equitable and affordable transition to electrification;
- Advance continued equitable and accessible community-led engagement, coordinated across City departments;
- Launch an Equitable Building Electrification Task Force to identify future energy transition solutions and hold the City accountable for its goals; and
- Co-create further policies and programs to encourage uptake in building electrification retrofits.

Electrification of existing buildings, while absolutely necessary, will require a thoughtful and holistic strategy which we believe this Framework achieves. We commend the city for centering equity in its approach to developing the Framework, to ensure the benefits promised by electrification – such as cleaner air, lower energy costs, and new job opportunities – are shared community-wide.

The present and future generations are looking to you to act in the face of irreversible damage from climate change. While the State of California is leading on climate action, we would like to see San Jose emerge as a national leader for local governments. It is not enough to continue our momentum; we must do everything we can to drastically reduce carbon emissions and prevent irreversible climate catastrophe. The Existing Building Electrification Framework is more than just a building decarbonization plan; supporting it would be an affirmation of the City's commitment to social, racial, economic, and climate justice. Thus, we strongly urge Council to take this critical step toward making San José a more affordable, healthy, and sustainable city for all, for generations to come.

Our organizations as well as the following signatories support San José's Existing Building Electrification Framework, and we strongly urge Council to take this critical step toward making San José a more affordable, healthy, and sustainable city for all.

Please vote to pass the Existing Building Electrification Framework.

Sincerely,

Cayce Hill, Executive Director
Veggielution

Quyen Vuong, Executive Director
ICAN

Organizational Signatories

1. **ICAN** (Quyen Vuong, Executive Director)
2. **Vietnamese American Roundtable** (Atkinson Tran, President)
3. **Silicon Valley Youth Climate Action** (Pragya Natarajan, Co-lead of San Jose City Action Team)
4. **Santa Clara County Wage Theft Coalition** (Ruth Silver Taube, Coordinator)
5. **Bay Area Regional Energy Network** (Jeffery Liang, Single Family Program Manager)
6. **Together We Will - San José** (Felicia Gershberg & Miriam Martin, Co-leads)
7. **VIVO (Vietnamese Voluntary Foundation)**, (Bao Trieu, President)
8. **Veggielution** (Emily Schwing, Public Affairs Director)
9. **Latinos United for a New America** (Mayra Pelagio-Muñoz, Executive Director)
10. **Latinas Contra Cancer** (Darcie Green, Executive Director)
11. **Si Se Puede Collective**

San Jose Residential Signatories

1. Duc Lac Diep, 95122
2. Trung Chanh Vuong, 95131
3. HaUyDi Do, HaUyDung Do, Steve Nguyen 95132
4. Vivian Bui, 95127
5. Cecilia Phan, Rob Payne 95128
6. Isabella Luong, 95128
7. James Phan, Joe Phan 95132
8. Linda Do Nguyen, 95122
9. Steven Rubalcaba, 95122

10. Huan Pham, 95136
11. Tiffany Nguyen, 95035
12. Philip Nguyen, 95123
13. Candice Phan, 95135
14. Huy Tran, 95131
15. Hanh Lam, 95148
16. Huy Truong, Hanh Le 95122
17. Cuong Le, 95127
18. Giao Le, 95127
19. Hoang Truong, Tien Le 95122
20. Minh Truong, 95122
21. Thi Truong, Quoc Nguyen 95122
22. Tuoi Truong , Anh Le 95133
23. Thien Ly, 95136
24. Tam Nguyen, Ngu Ly 95122
25. Hai Vuong, 95148
26. Kim Chi Cao, 95111
27. Mai Hien Luu, Dang Vuong 95148
28. Phuong Pham, 95116
29. Anh Phan, 95111
30. Khang Diep, Dien Dinh 95122
31. Lac Diep, Tien Tran 95122
32. Diem Hoang, 95121
33. Nu Nguyen, Nguyen Huynh 95112
34. Hong Hoang, Chi Pham 95122
35. Ngoc Nguyen, 95127
36. Ychi Huynh, 95121
37. Thi Trinh, Dinh Nguyen 95111
38. Ivy Vuong, 95124
39. ThiNghi Nguyen, 95121
40. Diep Vo, 95111
41. Thuan Pham, Truc Tran 95131
42. Tra My Pham, 95116
43. Dung Nguyen, 95122
44. Lan Anh Dien, 95148
45. Nga Nguyen, 95122
46. Ha Nguyen, 95111
47. Mai Nguyen, 95112
48. Christina Tran, 95122
49. Phong Tran, 95112
50. Hoang Nguyen, 95112
51. Thoai Le, 95122

52. Kim Loan Nguyen, 95123
53. Maile Del Buono
54. Vi Truong, 95133
55. Viet Doan, 95133
56. Hien Truong, 95133
57. Khang Doan, 95133

Support from non-San Jose residents who work or volunteer in San Jose communities

1. Lam Pham, Thinh Nguyen 95054
2. Helen Lam, 94587
3. Duke Vuong, 95054
4. Minh Le, 95014
5. Maria Marroquin, 94043
6. Helen Padolina, 94080
7. Ruth Silver Taube, 94087
8. Mylinh Ha-Do, Trinh Do, 94555
9. Phuong Tran, 95035
10. Anh Nguyen, 95035
11. Nguyen Vo, Phuc Vo, Phuong Dao 95035
12. Ty Huynh, Phuc Dao 94087
13. Dai Pham, 94121
14. Felicia Gershberg, 94087
15. Albert Nguyen & Sylvia Mai, 95018 (former resident: 30+ yrs in Santa Clara County including 10+ yrs in San Jose)
16. Quang Dao, 94538