Appendix F

Scoping Report

APPENDIX F
PUBLIC SCOPING REPORT

NRS-KRS 115 kV
Transmission Line Project

Prepared for

Silicon Valley Power
City of Santa Clara

Submitted by

Aspen environmental group

July 2024

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ACRONYMS

CEQA	California Environmental Quality Act
EIR	Environmental Impact Report
EMF	Electromagnetic Fields
kV	Kilovolt

1. OVERVIEW OF CEQA SCOPING PROCESS

The environmental review of the Silicon Valley Power (SVP) NRS-KRS 115 kV Transmission Line Project (Project) is being conducted by the City of Santa Clara (City) as the lead agency under the California Environmental Quality Act (CEQA) (Public Resources Code section 21000 et seq.). The City held a 50-day public scoping period. There are no CEQA requirements for a public scoping period for an MND, however, SVP chose to conduct public scoping to provide an opportunity for the public and agencies to comment on the scope of the environmental review of the Project.

This Scoping Report documents the scoping process and summarizes the scoping comments received for the Project. Specifically, this report describes the scoping events and activities, and summarizes written comments submitted in response to the City's notice of a public scoping meeting for the Project. This report provides the issues presented in public comments that will be considered in the preparation of the Initial Study/Mitigated Negative Declaration (IS/MND). The lead agency will use the comments received during the scoping period to:

1. Identify key issues to focus the analysis in the environmental document.
2. Analyze environmental impacts of the Project and alternatives.
3. Identify ways to avoid or reduce environmental impacts.

1.1. Introduction

SVP is proposing to construct the NRS to KRS 115 kV Transmission Line Project, which would include constructing a new, 2.24 mile long overhead and/or underground 115 Kilovolt (kV) transmission line between two existing facilities, Northern Receiving Station (NRS) and Kifer Receiving Station (KRS), in the City of Santa Clara. The City has prepared an Initial Study/Mitigated Negative Declaration for the Project.

The Project would be located in Santa Clara County in a fully developed urban area and includes several existing transmission lines, including lines owned by SVP and PG&E. The proposed Project would be located in Section 27, Township 6S, Range 1W, Mount Diablo Meridian.

The NRS is located south of the intersection of Bill Walsh Way and Stars and Stripes Drive, immediately adjacent to the southeast corner of Levi's Stadium. The KRS is located approximately 0.1 miles northwest of the intersection of Lafayette Street and Central Expressway. The NRS and KRS are approximately 2 miles away from each other.

1.2. Summary of CEQA Scoping Process

The CEQA scoping process provides government agencies, Tribal agencies, organizations, and members of the public the opportunity to identify environmental issues and alternatives for consideration in the IS/MND. The scoping process and results are an initial step in the environmental review process.

There are no requirements included in the CEQA Guidelines pertaining to scoping for an IS/MND. The City modeled the scoping process required for EIRs as outlined in Section 15082 of the CEQA Guidelines (14 CCR 15000 et seq.). The City issued a notice of a public scoping meeting on April 10, 2024, that summarized the Project, stated the City's intention to prepare an Initial Study/Mitigated Negative Declaration, and requested comments from interested parties. The notice was mailed to 3,626 people, using a list compiled with GIS data for a 1,000+ foot radius around the entire Project route. Prior to the scoping meeting on April 25, 2024, SVP's project manager was notified that some residents near the project did not receive the notice. The decision was made to extend the scoping period an additional three weeks, re-send the notices, and electronically notify people as well.

The second notice was mailed out on May 7, 2024 to 3,626 addresses. The second notification also included electronic notification, which sent out notices to SVP's (8,177 subscribers) and the City's (7,552 subscribers) news blast email lists, plus social media accounts on Facebook (2,400 followers), and Nextdoor (52,860) members. Additionally, as part of the AB 52 process, two tribes on the City's tribal consultation list were contacted. Attachment A includes a copy of the notices that were sent out.

The notice was also posted on the Silicon Valley Power's webpage:

www.siliconvalleypower.com/115kv

During the comment period, the City held two virtual public scoping meetings from 5 p.m. to 7 p.m. on Thursday April 25, and Thursday May 23, 2024. Remote participation was made available through the online web-based platform, Zoom. SVP and their environmental and engineering consultants provided a presentation explaining the Project, CEQA process, the City's role throughout this process, and public participation opportunities (Attachment B).

The first meeting was attended by 8 people, and the second meeting was attended by 18 people.

The comment period began on April 8, 2024 and originally ended 30 days later, on May 8, 2024. However, the comment period was extended to conduct an expanded outreach effort. Therefore, the 50-day comment period began on April 8, 2024 and ended on May 29, 2024.

In total, 87 comment letters were received during the scoping period. Most of these comments (83 out of 87) were identical "form" letters, which include the same text in the body of the comment but are signed individually by the sender. Eleven individuals sent in more than one comment letter, and several comments were received from the same physical address, resulting in 50 comments from unique properties.

86 comments were received from residents, and one comment was received from a nearby business (see Table 1-1). No comments were received from tribes.

These letters have been included in this Scoping Report in Attachment C. The comments identified in these letters and the comments presented at the scoping meeting were considered in the drafting of this IS/MND.

1.3. Agencies, Organizations, and Persons Providing Scoping Comments

The majority of public comments received were from members of the public. Table 1-1 presents the residents and business that provided written comments during the scoping process, in chronological order. Contact information was collected from commentors, and their information was added to the mailing list to be notified about the Project in the future.

Table 1-1. Comments Received During Public Scoping Period

Commenter	Date	Commenter	Date
Organizations and Businesses			
BiCMOS/Peter Liljegren	5/28/2024		
Individuals			
Xiaoling Huang	4/14/2024	Gane Sugali	5/27/2024
Cipson Jose	5/27/2024	Preetika Tiwari	5/27/2024
Anu Alex	5/27/2024	Mehul Suresh Kumar Jain	5/27/2024
Preetika Tiwari	5/27/2024	Vishaka Sutrave	5/27/2024
Aman Sharma	5/27/2024	Mehul Suresh Kumar Jain	5/27/2024
Neelam Dabholkar	5/27/2024	Nikhil Mungre	5/27/2024

Commenter	Date	Commenter	Date
Derek Fong	5/27/2024	Punnya Ann Joy	5/29/2024
Suneet Bisht	5/27/2024	Satya Gandreddi	5/29/2024
Ruchika Sarna	5/27/2024	Satya Gandreddi	5/29/2024
Vijay Srinivasan	5/27/2024	Neethu Cherian	5/29/2024
Adnan Hemani	5/27/2024	Leonard Le	5/29/2024
Amit Chandak	5/27/2024	Diem Nguyen	5/29/2024
Saurabh Sharma	5/28/2024	Yuri Kleban	5/29/2024
Pratima Hans	5/28/2024	Niaz Khan	5/29/2024
Manali Desai	5/28/2024	Gayathri Chebrolu	5/29/2024
Dr. Vinay Iyer	5/28/2024	Anupama Swaminath	5/29/2024
Dr. Vinay Iyer	5/28/2024	Shaheen Khan	5/29/2024
Shankar Pandravada	5/28/2024	Rahul Khona	5/29/2024
Shankar Pandravada	5/28/2024	Himasree Chundi	5/29/2024
Harini Tadinada	5/28/2024	Sushil Gote	5/29/2024
Harini Tadinada	5/28/2024	Aswini Kumbavath	5/29/2024
Pankaj Sinha	5/28/2024	Kanupriya Kabra	5/29/2024
Darshna Siva	5/28/2024	Emily Le	5/29/2024
Preetika Tiwari	5/28/2024	Unnikrishnan Udinoor	5/29/2024
Amit Thakkar	5/28/2024	Simple Yadav	5/29/2024
Dr. Vinay Iyer	5/28/2024	Hima Kalapatapu	5/29/2024
Amit Thakkar	5/28/2024	Sandeep Jain	5/29/2024
Prithvi Arun	5/28/2024	Paddy Subbian	5/29/2024
Gane Sugali	5/28/2024	Aparna Raman	5/29/2024
Lini Kuriyan	5/28/2024	Praveen Vutukuru	5/29/2024
Ramya Venkatachalam	5/29/2024	Pavan Batchu	5/29/2024
Mehul Suresh Kumar Jain	5/29/2024	Ruhi Batchu	5/29/2024
Bharathi Narayanan	5/29/2024	Ravi Krishna Adusumalli	5/29/2024
Manu Bharathi	5/29/2024	Srinivas Dangeti	5/29/2024
Sathiya Narayanan	5/29/2024	Ravi Krishna Adusumalli	5/29/2024
Cipson Jose	5/29/2024	Hasitha Dangeti	5/29/2024
Mukil Narayanan	5/29/2024	Swapna Dangeti	5/29/2024
Nandakumar Gopalakrishnan	5/29/2024	Shashi Devaraju	5/29/2024
Swati Sinha	5/29/2024	Srinivas Reddy	5/29/2024
Dr. Prashant Tiwari	5/29/2024	Vasanti	5/29/2024
Radhakrishna Yeluri	5/29/2024	Vishnu Vardhan Hari	5/29/2024
Radhakrishna Yeluri	5/29/2024	Srividya Hari	5/29/2024
Jerin Joy	5/29/2024	Vijaya Divakaruni	5/29/2024

1.4. Scoping Report Organization

This Scoping Report summarizes the comments and issues identified during the scoping period. The City reviewed and considered all of the scoping comments received in preparing the IS/MND for the Project.

- **Section 2** provides a summary of the Project.
- **Section 3** provides a summary of all comments received and issues raised during the Project's scoping period.
- **Section 4** provides a summary of future steps in the planning process and indicates opportunities for public participation in the environmental review process.
- **Attachments** that follow Section 4 include the mailed notice, scoping presentation, and scoping comment summary and letters.

2. SUMMARY OF THE PROPOSED PROJECT

SVP is proposing to construct approximately 2.24 miles of a new overhead and/or underground 115 kV transmission line. The NRS to KRS 115 kV Transmission Line Project would be built to accommodate energization at 230 kV, however it would initially be operated at 115 kV.

The transmission line would start at the Northern Receiving Station, south of the intersection of Bill Walsh Way and Stars and Stripes Drive, just southeast of Levi's Stadium. The transmission line would travel approximately 2.24 miles south and end at the Kifer Receiving Station, approximately 0.1 miles northwest of the intersection of Lafayette Street and Central Expressway.

Two options are being considered for the northern segment of this project: overhead and underground. The northern segment that contains both overhead and underground options would start at NRS, follow Lafayette Street, and end approximately 300 feet south of the intersection of Lafayette Street and Agnew Road, covering approximately 0.74 miles.

Depending on the option selected, the transmission line would be built either completely overhead (Option 1), or as a combination of underground and overhead (Option 2). The underground segment, if chosen, would place the transmission line underground after a portion of overhead alignment where the line would leave NRS and enter the median of Lafayette and transition underground. The overall northern segment is approximately 0.74 miles long. The underground segment would transition to overhead approximately 300 feet south of the intersection of Lafayette Street and Agnew Road, then continue overhead south of Agnew Road to connect to the KRS. South of Agnew Road, the route would be overhead, regardless of the Option chosen.

The proposed Project is comprised of the following components/facilities:

- **115 kV Transmission Line:** The majority of the new 115 kV transmission line would be constructed along the following streets: Lafayette Street, Bassett Street and Duane Avenue. The new route would require approximately 39 poles (if overhead). The transmission line would be built to support a 230 kV transmission line, but would be initially energized at 115 kV, allowing for future capacity expansion. New poles would consist of tubular steel monopoles, which are anticipated to range from 85 to 150 feet tall (average height of 115 feet), with a diameter of approximately 2 to 4 feet. At some locations the poles will support the new 115 kV circuit as well as an existing 60 kV circuit and distribution and communication lines.
- **Replacement of Existing Distribution and Telecommunication Lines.** Some existing distribution lines and/or telecommunication lines along the proposed route would be transferred to the new poles to be underbuilt on the new poles. Some existing poles will be removed.
- **Substation Modifications.** No substation modifications would occur as part of the proposed Project. Both receiving stations are existing and would be rebuilt or expanded prior to the proposed Project. New poles would be placed within the NRS and KRS substations to bring the new 115 kV circuit to the appropriate substation rack.

3. SUMMARY OF SCOPING COMMENTS

This section of the report summarizes the comments received from the public during the scoping process. Table 1-1 provides a list of commenters who provided comments. A number of environmental concerns were raised during the scoping process that focused on the Project's potential effects to environmental resources and issue areas.

3.1. Form Letter Summary

3.1.1. Health Concerns – EMF

Commentors expressed concern related to electromagnetic fields (EMF) emitted by transmission lines. They expressed concern about the health risks correlated with EMF exposure, especially due to the proximity of the line to residential communities along Lafayette Street. The commentors state that even a small risk should not be ignored.

Impacts from electromagnetic fields are not analyzed under CEQA. However, due to the concern from the public, SVP has conducted an EMF study. This study is included in the IS/MND as Appendix G, EMF Report. The EMF Report broke up the Proposed Project into 19 segments and presents calculations for the current year, 2024, and for the anticipated construction year, 2028, for normal and peak loads. The EMF discussion in the IS/MND is focused on the EMF measurements 60 feet to the east of the Project's centerline, for Segments 1 through 6, which are located adjacent to the residential community where the majority of comments were sent from. The IS/MND also includes proposed EMF Design Guidelines to be considered during final engineering. Please see Section 4.15, Electric and Magnetic Fields Summary for a summary of EMFs, and a discussion of impacts due to EMF.

One commentor specifically stated that the project would create a problem for the residential community near the Project, who already have to deal with road, train, and airplane noise. Construction of the Project would create temporary noise, but once operational, there would be no additional noise created by the Project. The public health-related impacts of the project, aside from EMF, are considered in the IS/MND's analysis of impacts related to various environmental resources environmental resources, such as air (Section 5.3), noise (Section 5.13), and water (Section 5.10), that may, in turn, affect public health. For example, Section 5.3 (Air Quality) addresses attainment of air quality standards and includes dust control measures to protect human health.

3.1.2. Increased Risk for Catastrophic Accidents and Fire Hazards

Commentors expressed concern about placing the transmission line in an already congested utility zone because of the heightened risk of accidents and fire hazards due to the proximity to railway lines, residential buildings, and heavy traffic.

As stated in Section 4.10, the objective of the Project is to increase SVP's system capacity and reliability, which should result in less power outages and service interruptions after construction is completed. As stated in Section 5.20, Wildfire, the Project would update and install new electrical line equipment, which would reduce the risk of a system failure or line fault due to aging equipment. Section 5.9, Hazards and Hazardous Materials includes a discussion of accident conditions that could cause impacts, and the mitigation measures proposed to be implemented to reduce these impacts to less than significant level. Impacts related to traffic and safety are discussed in Section 5.17, Transportation, which includes a mitigation measure to protect emergency access throughout the City and ensure the safety of the nearby roadways.

3.1.3. Impact on Home Insurance Costs and Property Value

Commentors expressed concern that their home insurance costs may increase, and their property values decrease, due to the proximity of the Project to residents.

CEQA focuses on the potential physical impacts of a project. Economic and social effects may be considered under CEQA, but by themselves, are not treated as significant effects on the environment. The economic effects of a project need only be considered if those effects themselves would cause significant physical impacts on the environment. Such secondary effects are typically difficult to predict (it is unknown whether or not home insurance costs would increase, or property values decrease), and an IS/MND is not required to speculate about such secondary impacts. However, if the insurance costs increased or the property values decreased, neither of these are, nor would cause, a significant physical impact on the environment. Therefore, given the CEQA guidance regarding social and economic impacts, this would not be considered a significant effect on the environment.

3.1.4. Aesthetic Impact

Commentors expressed concern about the addition of poles for the transmission line, and their impact on the visual appeal of the neighborhood. The commentor stated that the additional poles would spoil the aesthetic beauty of the residential area.

The Project is in a highly urbanized area, with the majority of residents located near the northern portion of the Project, where, depending on the option chosen, would be constructed either overhead within the median of Lafayette Street, or underground in Lafayette Street. Both options run parallel to Lafayette Street and an existing rail road right of way. The median includes trees which will be preserved to the extent possible (see Appendix D, Arborist Report) which will minimize the visual impact of any overhead poles. Both to the east and west of Lafayette Street are neighborhoods. These neighborhoods are geographically separated by Lafayette Street, which has four lanes and is approximately 75 feet wide, plus the railroad right of way, which is approximately 50 feet wide and fenced off. Additionally, there is a large wall that separates the neighborhood to the west from Lafayette Street and the railroad right of way. The transmission line was sited in this corridor, among other reasons, because of the existing visual setting, which includes structures similar to what is being proposed for this Project, and that it is partially screened from the adjacent neighborhoods. Because of consistency of the proposed Project's components with the existing setting and the location of the Project near other utilities or right of ways, makes this impact less than significant. See Section 5.1, Aesthetics, for a full discussion of the aesthetic impacts of the project.

3.1.5. Complexity and Inconvenience

Commentors expressed concerns about the disruption to their daily lives, citing noise pollution, road closures, and restricted access to homes as potential disruptions. Commentors also expressed concerns about the possibility of power outages and service interruptions from ongoing maintenance activities. One commentor, a representative of the company BiCMOS, specifically expressed concerns about the potential service disruptions due to construction of the Project that may affect the underground utilities that serve their company.

It is acknowledged in the IS/MND that construction of the Project would create impacts related to environmental resources such as aesthetics, air quality, noise, transportation, and hazards. Impacts from construction are typically considered less than significant due to their intermittent and temporary nature, especially for a transmission line project, which requires the construction work to move along the Project route. See Section 5 for a discussion of construction impacts for each environmental resource.

While power outages and service interruptions may be needed during construction to safely connect or disconnect elements from the transmission system, these would be temporary and rare. Any service

interruptions due to relocation of utilities would be coordinated with the utility owner, and nearby residents and businesses would be notified in advance of this work, to reduce impacts. As stated in Section 4.10, the objective of the Project is to increase SVP's system capacity and reliability, which should result in less power outages and service interruptions after construction is completed.

The IS/MND also acknowledges that the underground construction efforts for Option 2 would result in more intense, and longer, construction impacts when compared to the overhead construction of Option 1, due to the greater amount of ground disturbance, and the multitude of existing underground utilities in the area. Additionally, Option 2 could cause greater disruptions in the future, as its location underground makes it more difficult to reach for maintenance or emergency work.

3.1.6. Exploring Alternatives

Commentors suggested exploring alternatives such as upgrading existing power lines or implementing underground power lines. They recommended this due to potential benefits such as safety, reliability, and aesthetic impact. The commentors also suggested investigating advanced technologies or alternative routing options. The commentors suggested considering alternative options that prioritize public safety and minimize impacts to residents.

SVP conducted an Alternatives Analysis as part of the project development process. Several routes were considered, and three were analyzed in the alternatives analysis. The proposed Project route was chosen because, among other reasons, it had fewer impacts, fewer engineering design challenges, fewer permitting challenges, and it met the project objectives the best when compared to the other options. See Section 4.16, Alternatives, and Appendix G.

Upgrading existing power lines This alternative was not analyzed in detail because this alternative would not meet the objectives of the proposed Project. The Project seeks to increase SVP's system capacity and reliability by installing a 115 kV transmission line between NRS and KRS, which would create a new connection between these substations, increasing the redundancy and reliability of SVP's electrical grid. Additionally, as stated in Section 4.11, some existing distribution lines would be transferred onto the new poles, which consolidates the energy corridor and increases the reliability by placing components on newly built poles.

Underground power lines. This "alternative" is explored as Option 2 of the IS/MND, and the impacts of Option 2 are discussed under each environmental resource in Section 5.

Alternative locations. This alternative was already explored as part of the Alternatives Analysis, and the proposed Project location was chosen because it had fewer impacts than other locations, and best met SVP's objectives.

Priority for public safety. SVP prioritized public safety in the design of the Project. As stated in Section 4.11, the transmission line would be designed to adhere to National Electrical Safety Code (NESC) and California Public Utilities Commission (CPUC) General Order 95, which define separation of structures from adjacent buildings or other utility facilities. Section 4.12.5.1 describes safety measures implemented during construction of the project, designed to protect public safety. See section 5.9, Hazards and Hazardous Materials for a discussion of safety in relation to accidental spills of hazardous materials, the presence of existing subsurface contamination, the risk of wildfire, and aircraft safety. Section 5.17, Transportation discusses safety in relation to the transportation system.

3.1.7. Other

The commentors requested a meeting with city officials and representatives from the utility company to discuss the commentors concerns. The commentors expressed opposition of the installation of the power line.

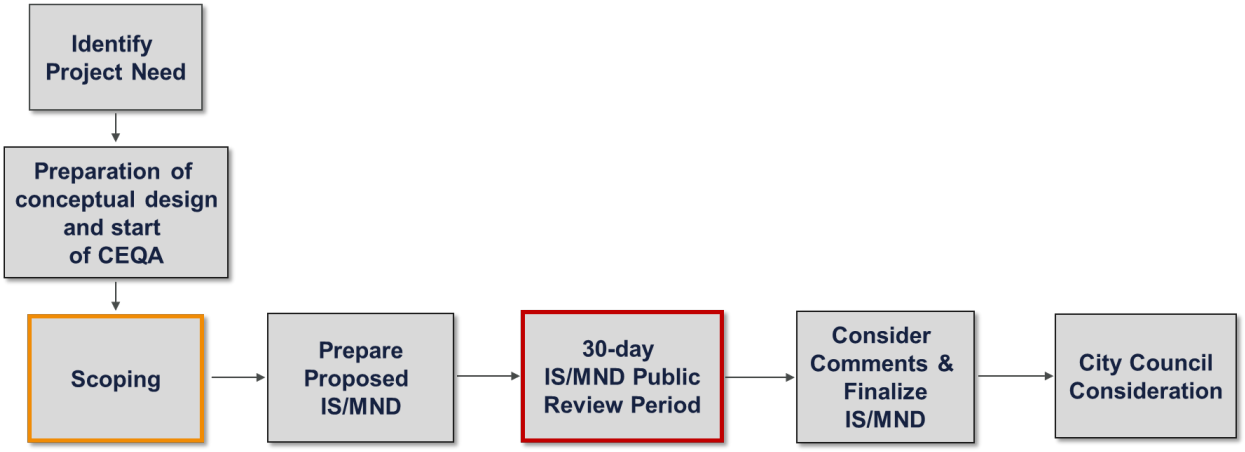
SVP has scheduled an in person public meeting on August 22, 2024, to discuss the commentors concerns during the IS/MND comment period. This meeting will be attended by SVP/City staff, and by industry professionals who can answer questions about the transmission line.

4. SUMMARY OF FUTURE STEPS IN THE ENVIRONMENTAL REVIEW PROCESS

An important part of the environmental review process is engaging the public and relevant agencies from the earliest stages of and throughout the process to identify issues, comments, and concerns. Figure 4-1 illustrates the steps in the CEQA review process and where the City's decision falls within this process.

The public scoping period, when the comments in this report were received, is highlighted with an orange outline. The next opportunity for public involvement is the 30-day review process of the IS/MND.

Figure 4-1. Project Review and Timeline



Attachment A

Public Scoping Meeting Notices

NOTICE

PUBLIC SCOPING MEETING FOR SVP NRS-KRS 115 kV TRANSMISSION LINE PROJECT

Thursday, April 25, 2024

Project Background: Silicon Valley Power (SVP) is proposing to construct approximately 2.24 miles of new 115 kilovolt (kV) transmission line within the northeastern area of the City of Santa Clara. SVP's primary objective of the new 115kV transmission line (Proposed Project) is to connect the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS). By connecting these two receiving stations, it will allow energy to be balanced and redistributed within SVP's transmission receiving stations and allow SVP to serve new load growth projected based on the SVP Resource Load Forecast.

The new power line would begin at the Northern Receiving Station, located south of the intersection of Bill Walsh Way and Lafayette Street, and would continue to the Kifer Receiving Station, which is located on Lafayette Street. Most of the new 115kV transmission line would be constructed along the following city streets: Lafayette Street, Bassett Street and Duane Avenue. The transmission line would be built to support a 230kV transmission line, but would be initially energized at 115kV, allowing for future capacity expansion.

Construction is estimated to take approximately 14 months and be completed by early 2028.

Information Available: SVP is preparing an Initial Study/Mitigated Negative Declaration (IS/MND) in accordance with the California Environmental Quality Act (CEQA), describing the project and its potential environmental effects. The IS/MND will be posted on the project website after publication.

Project Website: Scoping materials and information about the Proposed Project are available at: www.siliconvalleypower.com/115kv

Informal Scoping Meeting: In order to help the affected community understand the Proposed Project and to explain how the public can participate in SVP's decision-making process, SVP will hold a virtual informational scoping meeting on April 25, 2024. This informal workshop is an opportunity for agencies and the public to ask questions about the project being proposed and the scope of the environmental document and provide input on the scope and content of the environmental document. Written and oral comments may be submitted during the workshop, via US Mail, or email until May 8, 2024.

Thursday, April 25, 2024, from 5 p.m. to 7 p.m.
Please register in advance of the webinar at:
https://us02web.zoom.us/webinar/register/WN_7L0n1KI7RFKFTFI43STN-Q

Scoping Period: The public scoping period will be held from April 8 through May 8, 2024. Written or emailed comments must be received by **5:00 p.m. on May 8, 2024**, at the following mailing address or email address:

Allie Jackman
Principal Electric Utility Engineer
Silicon Valley Power
c/o Aspen Environmental Group
235 Montgomery Street, Suite 967
San Francisco, CA 94104-3002
NRS-KRS@aspeneg.com

NOTICE

PUBLIC SCOPING MEETING FOR SVP NRS-KRS 115 kV TRANSMISSION LINE PROJECT

Thursday, May 23, 2024

Project Background: Silicon Valley Power (SVP) is proposing to construct approximately 2.24 miles of new 115 kilovolt (kV) transmission line within the northeastern area of the City of Santa Clara. SVP's primary objective of the new 115kV transmission line (Proposed Project) is to connect the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS). By connecting these two receiving stations, it will allow energy to be balanced and redistributed within SVP's transmission receiving stations and allow SVP to serve new load growth projected based on the SVP Resource Load Forecast.

The new power line would begin at the Northern Receiving Station, located south of the intersection of Bill Walsh Way and Lafayette Street, and would continue to the Kifer Receiving Station, which is located on Lafayette Street. Most of the new 115kV transmission line would be constructed along the following city streets: Lafayette Street, Bassett Street and Duane Avenue. The transmission line would be built to support a 230kV transmission line, but would be initially energized at 115kV, allowing for future capacity expansion.

Construction is estimated to take approximately 14 months and be completed by early 2028.

Information Available: SVP is preparing an Initial Study/Mitigated Negative Declaration (IS/MND) in accordance with the California Environmental Quality Act (CEQA), describing the project and its potential environmental effects. The IS/MND will be posted on the project website after publication.

Project Website: Scoping materials, a recording of the previous scoping meeting, and information about the Proposed Project are available at: www.siliconvalleypower.com/115kv

Informal Scoping Meeting: In order to help the affected community understand the Proposed Project and to explain how the public can participate in SVP's decision-making process, SVP will hold a ***second*** virtual informational scoping meeting on May 23, 2024. This informal workshop is an opportunity for agencies and the public to ask questions about the project being proposed and the scope of the environmental document and provide input on the scope and content of the environmental document. Written and oral comments may be submitted during the workshop, via US Mail, or email until May 29, 2024.

Thursday, May 23, 2024, from 5 p.m. to 7 p.m.
Please register in advance of the webinar at:
https://us02web.zoom.us/webinar/register/WN_wW0QfYKBSp25hI6vIknzsA

Scoping Period: ***The public scoping period was extended an additional three weeks to conduct an expanded outreach effort***. The scoping period will be held from April 8 through May 29, 2024. Written or emailed comments must be received by **5:00 p.m. on May 29, 2024**, at the following mailing address or email address:

Allie Jackman
Principal Electric Utility Engineer
Silicon Valley Power
c/o Aspen Environmental Group
235 Montgomery Street, Suite 967
San Francisco, CA 94104-3002
NRS-KRS@aspeneg.com

Attachment B

SCOPING MEETING PRESENTATION

SVP Public Scoping Meeting #2

NRS-KRS 115 kV Transmission Line Project

May 23, 2024

1

Key Players and their Roles in the CEQA Process

- **Silicon Valley Power (SVP):** Lead Agency under California Environmental Quality Act (CEQA) and Project Proponent
  - **AECOM**: Program and Project Managers for SVP
  - **ECI**: Engineer of Record for SVP
  - **Aspen Environmental Group**: Environmental contractor for SVP

2

Meeting Agenda

- Welcome and Introduction
- Purpose of this Meeting: Scoping
- Description of Proposed Project and Need
- Route Options Considered
- CEQA Process
- Project Schedule
- Q&A
- Public Comments

3

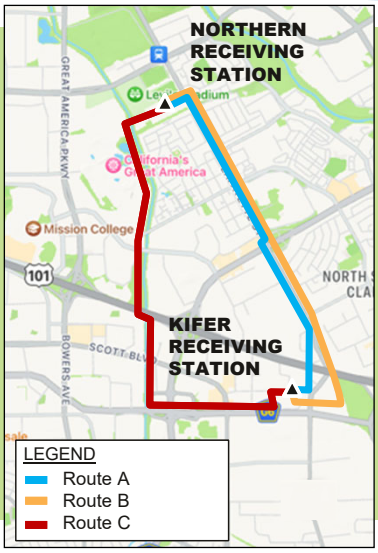
Purpose of This Meeting: Scoping

- To inform the public and responsible agencies about an upcoming project for which an Initial Study (IS) and a Mitigated Negative Declaration (MND) will be prepared
- To inform the public about the environmental review process
- To solicit input regarding the appropriate scope of issues to be studied in the IS/MND
- To identify issues of concern and areas of potential controversy

4

Project Overview:
115kV Transmission Line
Northern to Kifer Receiving Station

- Construct a new 115kV overhead transmission line of approximately 2.24 miles between Northern Receiving Station (NRS) and Kifer Receiving Station (KRS)
- The transmission line would be built to support a 230kV transmission line, but would be initially energized at 115kV, allowing for future capacity expansion.
- Construction is estimated to take approximately 14 months and be completed by early 2028.



5

Project Need

- Needed to accommodate approved and under construction load growth and reliability
- Balance and redistribute loads throughout the City
- System Operating Limit will be limited to ~819MW if transmission line is not constructed
- **Key Items:** constructability, existing utilities, power delivery, potential growth, aesthetics, tree removals, maintenance considerations, construction costs, and schedule

6

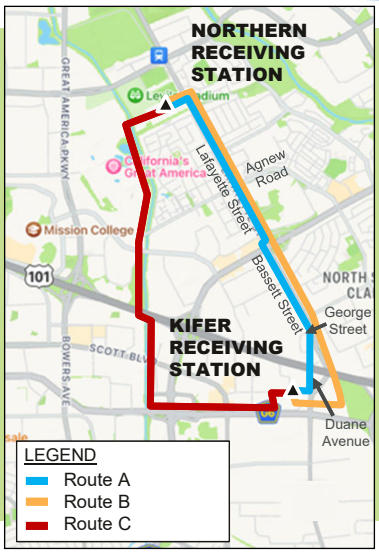
Three Route Options Considered

- An assessment was prepared to determine the preferred route for the Proposed Project.
- **Key consideration** – feasibility and schedule (2028 completion date)
  - Route A (Proposed Project)– Being analyzed as the Proposed Project in CEQA document
    - Along Lafayette Street to Bassett Street and Duane Avenue
  - Route B (considered and eliminated)
    - Follows Route A on Lafayette Street until diverging at Bassett and George Street to the UPRR ROW and then crosses several private parcels to KRS.
  - Route C (considered and eliminated)
    - West side of San Tomas Aquino Creek

7

Routes

- **Route A** (Proposed Project)
- **Route B** (considered and eliminated)
  - UPRR right of way is too narrow (concerns with induced current on the rail lines and additional permitting and design review)
  - Properties surrounding UPPR do not have sufficient space to place structures
  - Require extensive easement costs and coordination
  - UPRR permits
- **Route C** (considered and eliminated)
  - Majority within Creek boundaries
  - Replace existing 60kV line where available
  - Easements and permitting - unknown if permits would even be feasible and if feasible would not meet schedule due to extensive permitting schedules
  - Longest route

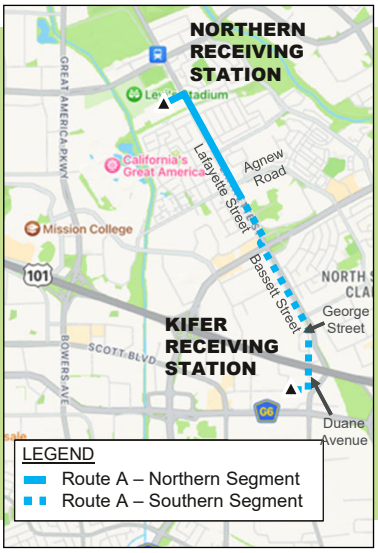


8

Proposed Project – Route A

Total Route Spans 2.24 miles

- **Northern Segment** (NRS to Agnew)
  - 0.74 miles
  - Overhead and underground options
  - Lafayette Street
- **Southern Segment** (Agnew to KRS)
  - 1.5 miles
  - Replaces existing transmission lines where available
  - Lafayette Street, Bassett Street, Duane Avenue



9

Route A, Option 1: Overhead Northern Segment (Preferred)

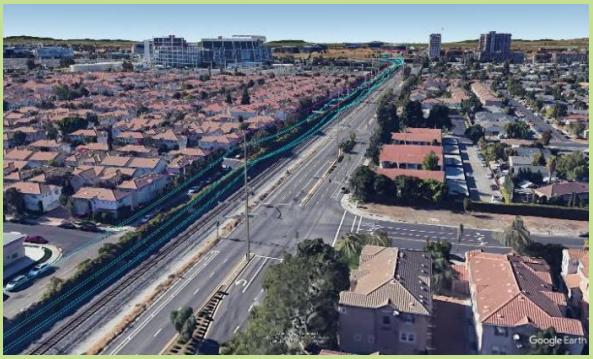
Northern Segment (0.74 Miles)

- Nine new poles within center median of Lafayette Street
- No existing overhead transmission
- Residential development on both sides of Lafayette Street
- Poles spaced every 250-500 feet on average and ~85-140 feet in height
- Located within existing ROW or easements
- Minimal utility relocation
- Would minimize landscape/tree removal as part of design
- An overhead transmission line can deliver more power and accommodate future growth with the option for a future underbuilt 60kV or 115kV transmission line

10

Route A, Option 1: Overhead Northern Segment (Preferred)

Looking South on Lafayette Street at Hogan Drive



Proposed Project Rendering Looking North on Lafayette Street just south of Hope Drive

11

Route A, Option 2: Underground Northern Segment (Not Preferred)

- Constraints with constructability, schedule, power deliverability, and aesthetics
- 25 existing utilities crossing or conflicts with underground alignment in Lafayette
- Requires relocation of 300 feet of two transmission gas mains for PG&E and DVR
  - The DVR shutdown can only occur twice a year
  - PG&E work would be on PG&E schedule – will not meet 2028 date
- Would also need to cross multiple utility lines
  - Could require not meeting minimum spacing requirements or significant excavation up to 20' deep

Utility Conflict #	Existing Utility	Quantity/Size	Approximate Location Along Lafayette ST.
1	Electric	Ductbank with five 5" conduits and one 4" conduit	South of Agnew Rd.
2	Communication	Unknown * typically one or more pipes, each ranging from 1" to 4"	South of Agnew Rd.
3	Communication	Unknown * typically one or more pipes, each ranging from 1" to 4"	South of Agnew Rd.
4	Natural Gas (PG&E)	12"	South of Agnew Rd.
5	Sanitary Sewer	30"	South of Agnew Rd.
6	Natural Gas (PG&E)	6"	South of Agnew Rd.
7	Water	12"	South of Agnew Rd.
8	Natural Gas (SVP)	12"	South of Agnew Rd.
9	Electric	Ductbank with five 5" conduits and one 4" conduit	South of Agnew Rd.
10	Electric	Ductbank with four 5" conduits and one 4" conduit	North of Agnew Rd.
11	Communication	4"	North of Agnew Rd.
12	Natural Gas (PG&E)	6"-24" *	Between Hope Dr. and Agnew Rd.
13	Sanitary Sewer	8"	Between Hope Dr. and Agnew Rd.
14	Storm Drain	15"	South of Hope Dr.
15	Water	12"	Intersection of Hope Dr.
16	Natural Gas (SVP)	12"	Between Eisenhower Dr. and Hope Dr.
17	Natural Gas - Transmission (PG&E)	6"-24" *	Between Eisenhower Dr. and Hope Dr.
18	Electric	1.5" Streetlight conduit *	South of Eisenhower Dr.
19	Electric	1.5" Streetlight conduit *	Intersection of Eisenhower Dr.
20	Sanitary Sewer	21"	North of Eisenhower Dr.
21	Electric	1.5" Streetlight conduit *	North of Hogan Dr.
22	Sanitary Sewer	15"	Between Fairway Glen Dr. and Hogan Dr.
23	Natural Gas (PG&E)	24" *	Between Fairway Glen Dr. and Hogan Dr.
24	Water	8"	Between Fairway Glen Dr. and Hogan Dr.
25	Natural Gas (SVP)	12"	South of Fairway Glen Dr.

* Utility size is estimated, accurate record information is unavailable.

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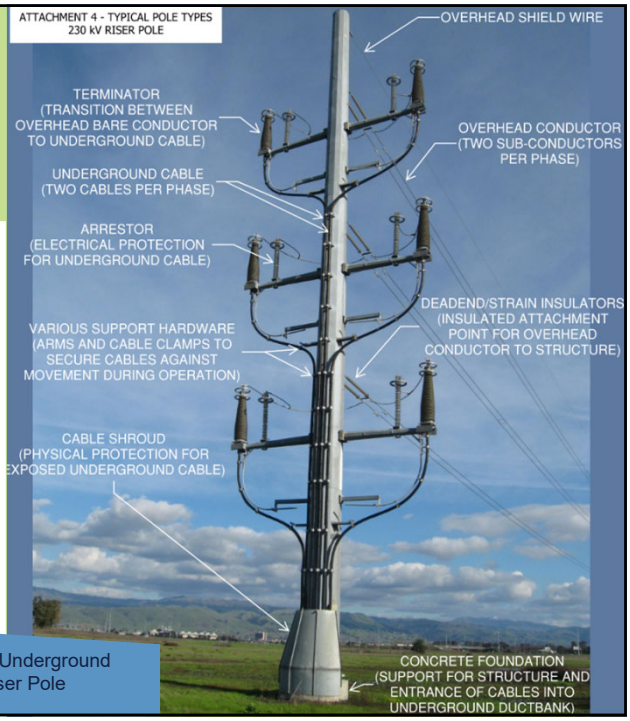
Route A, Option 2: Underground Northern Segment (Not Preferred)

- Power Delivery:
  - Can deliver up to 83% of the power of overhead at 115kV due to heat dissipation requirements.
  - Further declines at the 230kV level to 79.9%.
  - **Underground option will limit future load growth and our ability to serve currently entitled customers.**
- Aesthetics:
  - Overhead alignment from NRS to riser pole in median of Lafayette
  - Additional riser pole just south of Agnew on east side of Lafayette



Typical Underground Riser Pole

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Comparison of Options for Northern Segment

Route A, Option 1 – Overhead (Preferred)	Route A, Option 2 – Underground (Not Preferred)
Ability to meet 2028 schedule.	Can not meet 2028 schedule • Relying on PG&E for utility relocation • DVR shut-down
Maximum transmission capacity	Reduced transmission capacity
Ability to accommodate future growth	Lack of provisions for future growth
Minimize utility relocations and reduce construction disruption to the public	Extended construction timelines with extended lane closures and traffic control
Ease of maintaining the system	Longer restoration times in emergency situations
Northern Segment Costs: ~$9.5 Million Total Project Costs: ~$36 Million	Northern Segment Costs: ~$19 Million Total Project Costs: ~$45.5 Million

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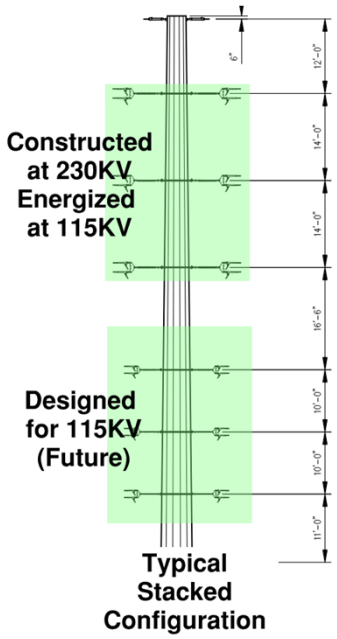
Why Option 1 is Preferred

- Ability to meet the 2028 energization date
- Can accommodate future additional growth
- Maximum transmission capacity - Can accommodate ~20% more power than underground options for already approved projects
- Reduced construction disruption to the public in comparison to underground options
- Pole space provisions for future additional growth along new transmission segments
- Ease of maintaining the system/restoration in emergency conditions

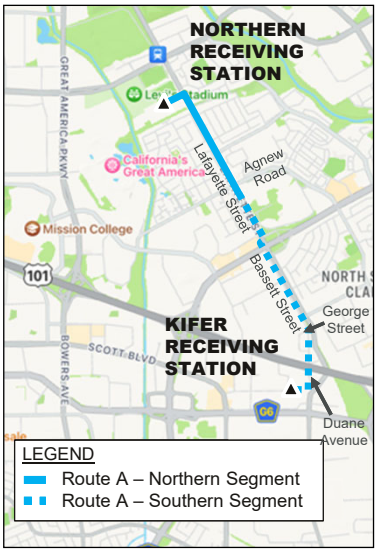


15

Route A – Southern Segment

Southern Segment (1.5 Miles)

- Two existing 60kV overhead transmission lines. Between Agnew and Montague, existing 60kV at the following locations would be replaced
  1. East side of Lafayette Street
  2. West side of Bassett Street
- At Montague Expressway, continue on west side of Bassett Street and replace 1,120 feet of 60kV where existing and install 2,980 feet of new overhead
- Final 980 feet of transmission line from just north of Bayshore to KRS along Duane Avenue would replace an existing 60kV transmission line



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Proposed Project

Southern Segment (1.5 Miles)

*Distribution and transmission

From	To	Alignment Consideration	Poles Installed	Poles Removed
Agnew Road	Montague Expressway	East side of Lafayette and west side of Bassett	7	9
Montague Expressway	Bassett and George Street	West side of Bassett	11	11*
Bassett and George Street	Kifer Receiving Station	East side of Bassett and Duane Street	7	3

Looking South on Lafayette Street just south of Agnew

Looking South on Bassett Street just south of Montague

Looking South on Duane Avenue just south of Bayshore

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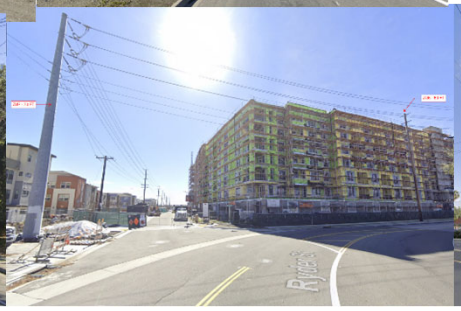
Existing Poles



Examples of varying existing poles ranging in heights from 65 to 90 feet in residential neighborhoods.

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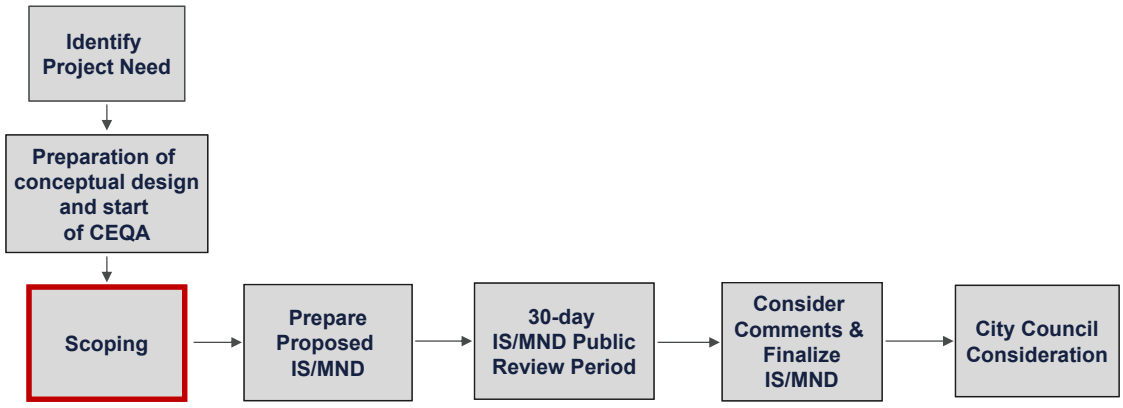
CEQA Process



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Schedule

Task	Timeframe
Design	Feb. 2023 – May 2026
CEQA Process	
Identify Project Need	Jan. 2024
Preparation of conceptual design and start of CEQA	Jan. 2024 – Mar. 2024
CEQA Community Outreach (Scoping)	April 8 – May 29, 2024
Publication of Draft IS/MND and 20-day Public Review Period	Jun. 2024 – Jul. 2024
Consider Comments and Finalize IS/MND	Aug. 2024 – Sep. 2024
City Council Consideration	Oct. 2024 - Nov. 2024
Anticipated Construction	Nov. 2026 – Mar. 2028

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Initial Study Analysis

Environmental Issue Areas

- Aesthetics
- Agricultural Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Energy
- Geology & Soils
- Greenhouse Gas Emissions
- Hazards & Hazardous Materials
- Hydrology & Water Quality
- Land Use & Planning
- Mineral Resources
- Noise
- Population & Housing
- Public Services
- Recreation
- Transportation/Traffic
- Tribal Cultural Resources
- Utilities & Service Systems
- Wildfire

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Next Steps

- Public Scoping Period: April 8 – May 29, 2024
  - All public comments submitted during the public scoping period will be reviewed
  - Environmental issues raised will be addressed in the environmental document
- Publication of Draft CEQA IS/MND: ~ June 2024*
  - After publication, the IS/MND will be available for public review and comment
  - All comments on the IS/MND will be reviewed, and changes to the IS/MND will be made, if necessary
- City Council Consideration: ~ November 2024*
  - After the Final IS/MND is published, the City Council will decide to approve or deny the Project

*dates subject to change, assumes no identification of significant impacts

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Questions?

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Scoping Comments

- The most useful scoping comments:
  - Identify the location and extent of environmental impacts of the proposed project
  - Recommend modifications that would avoid or reduce impacts of the proposed project
  - Are as specific as possible

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Comments

- **Mailing address:**

Allie Jackman
Principal Electric Utility Engineer
Silicon Valley Power
c/o Aspen Environmental Group
235 Montgomery Street, Suite 967
San Francisco, CA 94104-3002

- **Email:**

NRS-KRS@aspeneg.com

Please be sure to include your name, address, and email or phone number on all comments.

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Thank You for Your Input!

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Attachment C

Written Scoping Comments Received During Scoping Period

Opposition to SVP NRS-KRS 115KV transmission line project

XIAOLING HUANG <shownie_huang@yahoo.com>

Sun 4/14/2024 5:30 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>

Hi,

I am writing to express my strong opposition to the proposed high voltage transmission line project near our community. As a resident deeply concerned about the well-being of our neighborhood, I believe that this project poses significant risks to our health, safety, and environment.

The electromagnetic fields generated by high voltage transmission lines have been linked to various adverse health effects, including increased risk of cancer, neurological disorders, and reproductive issues. Placing such infrastructure in close proximity to residential areas puts our families and children at unnecessary risk.

I urge you to reconsider the placement of this project and explore alternative routes or technologies that minimize the negative impacts on our community. Our health, safety, and quality of life should not be sacrificed for the sake of energy infrastructure.

Thank you for considering my concerns. I look forward to hearing from you and participating in the decision-making process regarding this important issue.

Sincerely,
Shownie
Mission Terrace resident

Concerns Regarding new 115 kV power lines.

Cipson Jose <cipsonj@gmail.com>

Wed 5/29/2024 11:13 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power
2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, he
3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insu
4. **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our co
5. **Aesthetic Impact**: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in o
6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures,
7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite pot

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter, and eagerly await your response.

Sincerely

Cipson Jose
2142 Payne Pl, Santa Clara
cipsonj@gmail.com
Payne Place Community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Anu Alex <anualex@gmail.com>

Mon 5/27/2024 1:45 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. Health Concerns: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
- https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

As a quick overview from these please see below:

The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:

- 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. Increased Risk for Catastrophic Accidents and Fire Hazards: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
3. Impact on Home Insurance Costs: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.

4. Property Value Concerns: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.
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I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Thankfully,

Anu Alex

4457 Lafayette St, Santa Clara, CA 95054

(408)836-8153

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS)

Prashant Tiwari <ptiwari2009@yahoo.com>

Wed 5/29/2024 11:40 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

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Dr. Prashant Tiwari
4489 Lafayette St, Santa Clara, CA 95054
Cell: 518-892-1551
Mission Gardens Community (Santa Clara Rivermark)

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community (Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS)

Aman S <sharma.aman@gmail.com>

Mon 5/27/2024 2:52 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;info@siliconvalleypower.com <info@siliconvalleypower.com>; manager@santaclaraca.gov <manager@santaclaraca.gov>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>

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   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
- https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

  As a quick overview from these please see below:

  The magnetic field generated by the high power lines is way beyond safe levels for humans.
  Here is a break up:

- 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
4. **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.
5. **Aesthetic Impact**: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.
6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.
7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley

Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Best,

Aman Sharma

(Resident - Mission Garden)

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Neelam <neelam.dabholkar@yahoo.com>

Mon 5/27/2024 2:52 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that

magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.

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As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant

impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.

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2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
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5. **Aesthetic Impact**: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.
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restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.

7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Neelam Dabholkar,
1914 Garzoni pl,
Resident of Mission Garden community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Gane Sugali <ganenaik@yahoo.com>

Mon 5/27/2024 2:55 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>
Cc:Gane Sugali <ganenaik@yahoo.com>;Ashwini Kumbavath <ashwini208@yahoo.com>

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Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.
While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:
Health Concerns: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.
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· 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

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ongoing maintenance activities.
Exploring Alternatives: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.
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As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.
Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Gane Sugali
1921 Silva place Santa Clara 95054
4086214804
Mission Garden community

Concerns with Proposed High Power Electric transmission lines Mission Gardens Community for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Preetika <preetikaloomba1@yahoo.com>

Mon 5/27/2024 3:18 PM

To:mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>; manager@santaclaraca.gov <manager@santaclaraca.gov>;NRS-KRS Project <NRS-KRS@aspeneg.com>

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EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Sincerely

Preetika Tiwari

Address: 4489 Lafayette St. Santa Clara, CA 95054
Phone: 940-232-6463

Mission Gardens Community at intersection of Lafayette and Hope dr.

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

MEHUL SURESH JAIN <mehulsj162@gmail.com>

Wed 5/29/2024 11:01 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Mehul Suresh Kumar Jain
2069 Garzoni Pl, Santa Clara, CA-95054
408-326-9386
Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Vishaka Sutrave <vishakasutrave@gmail.com>

Mon 5/27/2024 3:54 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;info@siliconvalleypower.com <info@siliconvalleypower.com>; manager@santaclaraca.gov <manager@santaclaraca.gov>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>

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I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Regards,

Vishaka Sutrave
2069 Garzoni Place, Santa Clara
2133099207
Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Mehul Suresh Kumar Jain <mehulsureshkumarjain@gmail.com>

Mon 5/27/2024 3:50 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

Health Concerns: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.

Here are a few links for reference to some such research articles:

https://nam02.safelinks.protection.outlook.com/?

url=https%3A%2F%2Fwww.ncbi.nlm.nih.gov%2Fpmc%2Farticles%2FPMC10590107%2F&data=05%7C02%7CNRS-KRS%40aspeneg.com%7C65ac8d1d694941ea9a0708dc7e9f4905%7Cf56a45392d8e4b0d8454a64203aa39d3%7C0%7C0%7C638524470296577594%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C60000%7C%7C%7C&sdata=fL%2FKLHk1gune4ikFTzsPntRdEzFX3FwrP2DAjN1g4dw%3D&reserved=0

https://nam02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.hydroone.com%2Fpoweroutagesandsafety_%2Fcorporatehealthandsafety_%2FEMFs%2FTransmission_Line_EMF_Fields.pdf&data=05%7C02%7CNRS-KRS%40aspeneg.com%7C65ac8d1d694941ea9a0708dc7e9f4905%7Cf56a45392d8e4b0d8454a64203aa39d3%7C0%7C0%7C638524470296586465%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C60000%7C%7C%7C&sdata=36ptUnPzB46U2Nah7T%2B6%2F7cZYWQN1WPBYMM2rlMMPoI%3D&reserved=0

https://nam02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.emrss.com%2Fblogs%2Femr-shielding-solutions-blogs%2Fwhat-are-safe-levels-of-emf&data=05%7C02%7CNRS-KRS%40aspeneg.com%7C65ac8d1d694941ea9a0708dc7e9f4905%7Cf56a45392d8e4b0d8454a64203aa39d3%7C0%7C0%7C638524470296589251%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C60000%7C%7C%7C&sdata=1emXJgEFqTxhmt04JtlhGsKYceMny9QmvWocwfduhjk%3D&reserved=0

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The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:

· 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.

· 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.

Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

Increased Risk for Catastrophic Accidents and Fire Hazards: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.

Impact on Home Insurance Costs: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.

Property Value Concerns: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.

Aesthetic Impact: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.

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Exploring Alternatives: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Mehul Jain
2069 Garzoni Pl, Santa Clara, CA-95054
408-326-9386
Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Nikhil Mungre <nikhil.sm@gmail.com>

Mon 5/27/2024 4:53 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

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Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
Here are a few links for reference to some such research articles:

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As a quick overview from these please see below:

The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:

- 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

Increased Risk for Catastrophic Accidents and Fire Hazards: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.

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Property Value Concerns: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.

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As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Nikhil Mungre

1913 Silva Pl, Santa Clara

770-363-3850

Resident of Mission Gardens Community

Fwd: Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS)

derek fong <dfong87@gmail.com>

Mon 5/27/2024 5:15 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;info@siliconvalleypower.com <info@siliconvalleypower.com>

To Whom it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

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- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

   As a quick overview from these please see below:

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   - 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
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2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Sincerely,

Derek Fong

1922 Garzoni Pl

Santa Clara, CA 95054

Mission Gardens of Santa Clara HOA

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Suneet Bisht <suneet.bisht@gmail.com>

Mon 5/27/2024 6:46 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Suneet Bisht
Mission Gardens,
4494 Moulin Pl
Santa Clara, CA 95054
suneet.bisht@gmail.com

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Ruchika Sarna <ruchikasarna@gmail.com>

Mon 5/27/2024 6:48 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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Ruchika Sarna
Mission Gardens,
4494 Moulin Pl
Santa Clara, CA 95054
ruchikasarna@gmail.com

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

vijay srinivasan <vsriniva@gmail.com>

Mon 5/27/2024 10:16 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

Dear Santa Clara City leaders,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
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   As a quick overview from these please see below:

   The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:
   - 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
   - 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

   As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

   While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
   Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, he
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I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Sincerely

vijay srinivasan

1881 Garzoni place

Santa Clara, CA, 95054
Phone: 4087316346
Mission Gardens townhome community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community (Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station (NRS) to Kifer receiving station (KRS).

Adnan Hemani <adnan.h@berkeley.edu>

Mon 5/27/2024 10:17 PM

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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Adnan Hemani
1822 Garzoni Pl, Santa Clara, CA 95054
512-831-9968
Mission Gardens (located near Hope Dr. and Lafayette St.)

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Amit Chandak <amit.chandak@gmail.com>

Mon 5/27/2024 10:21 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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Amit Chandak
2029 Garzoni Pl, Santa Clara, CA 95054
4084313013
Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS)

saurabh sharma <tosaurabhsharma@gmail.com>

Tue 5/28/2024 2:02 AM

To:mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;NRS-KRS Project <NRS-KRS@aspeneg.com>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>
Cc:planningcommision@santaclara.gov <planningcommision@santaclara.gov>;dehweb@deh.sccgov.org <dehweb@deh.sccgov.org>;phinternet@phd.sccgov.org <phinternet@phd.sccgov.org>

1 attachments (469 KB)
Transmission_Line_EMF_Fields.pdf;

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Sincerely,
Saurabh Sharma
Address: 4478 Moulin Pl, Santa Clara, CA 95054 Community Name: Mission Gardens, Santa Clara
Mob: 408-636-8031

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS)

Pratima Hans <pratima.hans@gmail.com>

Tue 5/28/2024 3:57 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;info@siliconvalleypower.com <info@siliconvalleypower.com>; manager@santaclaraca.gov <manager@santaclaraca.gov>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>
Cc:dehweb@deh.sccgov.org <dehweb@deh.sccgov.org>;phinternet@phd.sccgov.org <phinternet@phd.sccgov.org>; planningcommision@santaclara.gov <planningcommision@santaclara.gov>

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Address: 4478 Moulin Pl, Santa Clara, CA 95054 Community Name: Mission Gardens, Santa Clara
Mob: 408-9159064

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Manali Desai <dmanali.11@gmail.com>

Tue 5/28/2024 9:19 AM

Cc:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley

Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Manali Desai

1913 Silva Pl, Santa Clara

770-363-3850

Resident of Mission Gardens Community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Vinay Iyer <vinay.iyer@virginia.edu>

Tue 5/28/2024 10:05 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
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   As a quick overview from these please see below:

   The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:
   - 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
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   As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

   While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
   Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, he
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Sincerely
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4450 Moulin Pl, Santa Clara 95054
+1 919-771-5203
Mission Gardens Community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

vinay iyer <iyer.vinay008@gmail.com>

Tue 5/28/2024 11:33 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
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As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

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5. **Aesthetic Impact**: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.
6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.
7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

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Mission Gardens Community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Shankar Pandravada <emailshankar@gmail.com>

Tue 5/28/2024 12:27 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;Mayor and Council <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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While we have provided rationale for our opposition, see the reasons below, the biggest and the most concerning for us is Health Concerns. Research after research has indicated the grave health concerns (articles provided below for your reference) of living close to high voltage power lines, the extent of it will not be felt immediately, and we may see the consequences of it only much later when none of us may be around!

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

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As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Shankar Pandravada
2045 Garzoni Place, Santa Clara, CA-95054
Community: Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Shankar Pandravada <emailshankar@gmail.com>

Tue 5/28/2024 12:27 PM

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Harini Tadinada <emailharini@gmail.com>

Tue 5/28/2024 12:27 PM

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Harini and Shankar Pandravada <harini_shankar@hotmail.com>

Tue 5/28/2024 12:32 PM

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    a. In these times of climate change there is a concern of much bigger storms threatening us, in the event of a high wind storms (god forbid it never happens) there is a likely hood of downed power lines, and that would directly fall on the community which is in close proximity. Live high electric downed power lines, and you can imagine the havoc it has the potential to cause!!
3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
4. **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.
5. **Aesthetic Impact**: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.

6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.
7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Harini Tadinada
2045 Garzoni Place, Santa Clara, CA-95054
Community: Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

pankaj sinha <pankajksinha@gmail.com>

Tue 5/28/2024 12:33 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

To Whomsoever it may concern,

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Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
- https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
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   As a quick overview from these please see below:

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   As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

   While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Thank you!

Pankaj Sinha (Contact : Phone: 408 836 5498, email: pankajksinha@gmail.com)

4485 Lafayette Street, Santa Clara, CA 95054

Mission Garden Homes, Santa Clara

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Darshna Siva <darshna1993@gmail.com>

Tue 5/28/2024 3:07 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

NRS-KRS 115 kV Second Project Scoping Meeting Response

peter@bicmosfoundry.com <peter@bicmosfoundry.com>

Tue 5/28/2024 3:33 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;GWeeks@aspengroup.com <GWeeks@aspengroup.com>
Cc:peter@bicmosfoundry.com <peter@bicmosfoundry.com>

Dear Aspen Environmental Group & Silicon Valley Power,

Thank you for letting me attend the May 23, 2024 Second Scoping Meeting. I wish I had attended the first; will review the video.
BiCMOS is a semiconductor Chip manufacturing company located at 975 Comstock Street in Santa Clara, sharing a fence line with the SVP Power Plant. We supply Chips to companies in critical aerospace, military , energy & other industries and must plan to avoid supply disruptions to them. We currently are supplied natural gas from PG&E, water & electricity from the City and nitrogen gas from Air Products via the Air Products Pipeline underground.

Today I heard about three potential plans for the NRS-KRS 115 kV Transmission Line, with various locations for what potentially can be a mix of above ground & below ground lines. Shall we schedule at your earliest convenience (before May 29) to meet at SVP or our Office to review detailed maps of the various proposed lines - aiming to identify potential impacts and likely dates of potential impact/supply disruptions. My intention is together to identify problem areas & workarounds ASAP.

Best Regards,
Peter Liljegren
Mobile 650 346 3267

Written or emailed comments must be received by 5:00 p.m. on May 29, 2024, at the following mailing address or email address: Allie Jackman Principal Electric Utility Engineer Silicon Valley Power c/o Aspen Environmental Group 235 Montgomery Street, Suite 967 San Francisco, CA 94104-3002 NRS-KRS@aspeneg.com. Questions to submit to GWeeks@aspengroup.com

Concerns with Proposed High Power Electric transmission lines Mission Gardens Community for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Preetika <preetikaloomba1@yahoo.com>

Mon 5/27/2024 3:18 PM

To:mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>; manager@santaclaraca.gov <manager@santaclaraca.gov>;NRS-KRS Project <NRS-KRS@aspeneg.com>

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there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

Here are a few links for reference to some such research articles:

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As a quick overview from these please see below:

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Â· 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of

EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.

Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Sincerely

Preetika Tiwari

Address: 4489 Lafayette St. Santa Clara, CA 95054
Phone: 940-232-6463

Mission Gardens Community at intersection of Lafayette and Hope dr.

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens)

Amit Thakkar <athakkar2015@gmail.com>

Tue 5/28/2024 4:08 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>

Subject: Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

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Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
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https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

As a quick overview from these please see below:

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Here is a break up:

- 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

Increased Risk for Catastrophic Accidents and Fire Hazards: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.

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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Amit Thakkar

1857 Silva Place, Santa Clara, CA 95054

408-655-1147 (M)

Missions Gardens Community, Santa Clara

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Vinay Iyer <vinay.iyer@virginia.edu>

Tue 5/28/2024 10:05 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Sincerely
Dr. Vinay Iyer
4450 Moulin Pl, Santa Clara 95054
+1 919-771-5203
Mission Gardens Community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens)

Amit Thakkar <athakkar2015@gmail.com>

Tue 5/28/2024 4:08 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>

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Here is a break up:

- 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

Increased Risk for Catastrophic Accidents and Fire Hazards: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.

Impact on Home Insurance Costs: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.

Property Value Concerns: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.

Aesthetic Impact: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.

Complexity and Inconvenience: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.

Exploring Alternatives: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Amit Thakkar

1857 Silva Place, Santa Clara, CA 95054

408-655-1147 (M)

Missions Gardens Community, Santa Clara

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community (Mission Gardens)

Prithvi Arun <prithvi.arun@gmail.com>

Tue 5/28/2024 4:16 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;dehweb@deh.sccgov.org <dehweb@deh.sccgov.org>;phinternet@phd.sccgov.org <phinternet@phd.sccgov.org>;AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehension regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
- https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

  As a quick overview from these please see below:

  The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:

  · 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.

- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

I am speaking up as a resident of Mission Gardens and being a homeowner living along Lafayette Street. Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
4. **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.
5. **Aesthetic Impact**: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.
6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.
7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Prithvi Arun
4473 Lafayette Street, Santa Clara, CA 95054
Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Gane Sugali <ganenaik@yahoo.com>

Mon 5/27/2024 2:55 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>
Cc:Gane Sugali <ganenaik@yahoo.com>;Ashwini Kumbavath <ashwini208@yahoo.com>

To Whomsoever it may concern,
As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).
Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.
While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:
Health Concerns: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.
Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
Here are a few links for reference to some such research articles:

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

As a quick overview from these please see below:

The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:
· 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
· 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.
Increased Risk for Catastrophic Accidents and Fire Hazards: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
Impact on Home Insurance Costs: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
Property Value Concerns: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.
Aesthetic Impact: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.
Complexity and Inconvenience: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from

ongoing maintenance activities.
Exploring Alternatives: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.
I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.
As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.
Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Gane Sugali
1921 Silva place Santa Clara 95054
4086214804
Mission Garden community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Lini Kuriyan <linikuriyan@gmail.com>

Tue 5/28/2024 10:58 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>;ajackman@santaclaraca.gov <ajackman@santaclaraca.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
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- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

   As a quick overview from these please see below:

   The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:
   - 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
   - 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

   As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

   While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
   Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, he
3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insu
4. **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our co
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6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures,
7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite pot

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Lini Kuriyan
4479 Moulin Pl, Santa Clara - 95054
408 368 9436
Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS)

Ramya V <ramya.may11th@gmail.com>

Wed 5/29/2024 10:48 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

Subject: Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
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- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
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- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

  As a quick overview from these please see below:

The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:

- 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
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2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
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As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Sincerely,

Ramiya Venkatachalam
4497 Lafayette St, Santa Clara, CA - 95051
ramya.may11th@gmail.com
Mission Gardens, Santa Clara

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

MEHUL SURESH JAIN <mehulsj162@gmail.com>

Wed 5/29/2024 11:01 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

To Whomsoever it may concern,

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Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

Health Concerns: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

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6.5 at a distance of <50 feet.

· 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

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Increased Risk for Catastrophic Accidents and Fire Hazards: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.

Impact on Home Insurance Costs: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.

Property Value Concerns: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.

Aesthetic Impact: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.

Complexity and Inconvenience: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.

Exploring Alternatives: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

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necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Mehul Suresh Kumar Jain
2069 Garzoni Pl, Santa Clara, CA-95054
408-326-9386
Mission Gardens

Concerns for SVP project regarding NRS to KRS connection

Bharathi Sathiya <bharathisathiya@gmail.com>

Wed 5/29/2024 11:10 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>;AJackman@SantaClaraCA.gov <AJackman@santaclaraca.gov>

Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

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While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power e

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
- https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
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   As a quick overview from these please see below:

   The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:
   - 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
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As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Bharathi Narayanan
1926 Garzoni Place, Santa Clara, CA 95054
6504506619
Mission Gardens Townhomes

Concerns for SVP project regarding NRS to KRS connection

Sathiya Narayanan <manubharathi@gmail.com>

Wed 5/29/2024 11:10 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>;AJackman@SantaClaraCA.gov <AJackman@santaclaraca.gov>

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Manu Bharathi
1926 Garzoni Place, Santa Clara, CA 95054
6504506619
Mission Gardens Townhomes

My Solitude paints a canvas blank
When fresh images wait there eternally.

Concerns for SVP project regarding NRS to KRS connection

Sathiya Narayanan <sathiyakri@hotmail.com>

Wed 5/29/2024 11:11 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@SantaClaraCA.gov <AJackman@SantaClaraCA.gov>

Subject: Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

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As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

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5. **Aesthetic Impact**: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.
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As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Sathiya Narayanan
1926 Garzoni Place, Santa Clara, CA 95054
6504506619
Mission Gardens Townhomes

Always in Bhagavan

Sathiya

--

சும்மா இரு. Be Still.

Concerns Regarding new 115 kV power lines.

Cipson Jose <cipsonj@gmail.com>

Wed 5/29/2024 11:13 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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Thank you for your attention to this pressing matter, and eagerly await your response.

Sincerely

Cipson Jose
2142 Payne Pl, Santa Clara
cipsonj@gmail.com
Payne Place Community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Mukil Narayanan <mukilnarayanan@gmail.com>

Wed 5/29/2024 11:14 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@SantaClaraCA.gov <AJackman@santaclaraca.gov>

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Mukil Narayanan
1926 Garzoni Place, Santa Clara, CA 95054
6692043779
Mission Gardens Townhomes

-Mukil Narayanan

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS)

Nandakumar Gopalakrishnan <nanda.kgk@gmail.com>

Wed 5/29/2024 11:25 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

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Sincerely,

Nandakumar Gopalakrishnan
4497 Lafayette St, Santa Clara, CA - 95054
nanda.kgk@gmail.com
Mission Gardens, Santa Clara

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS)

Swati Sinha <swati2sinha@gmail.com>

Thu 5/30/2024 8:20 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>;AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

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   The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:
   - 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
   - 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

   As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

   While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
   Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, he
3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insu
4. **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our co
5. **Aesthetic Impact**: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in o
6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures,
7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite pot

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Regards,
Swati Sinha (Contact - Mobile - 408 836 5498 email: swati2sinha@gmail.com)
4485 Lafayette Street, Santa Clara, CA 95054
Mission Garden Homes.

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS)

Prashant Tiwari <ptiwari2009@yahoo.com>

Wed 5/29/2024 11:40 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
- https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

   As a quick overview from these please see below:

   The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:

   · 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.

- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
4. **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.
5. **Aesthetic Impact**: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.
6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.
7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Dr. Prashant Tiwari
4489 Lafayette St, Santa Clara, CA 95054
Cell: 518-892-1551
Mission Gardens Community (Santa Clara Rivermark)

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

airradha <airradha@gmail.com>

Wed 5/29/2024 11:45 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>;AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
- https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

   As a quick overview from these please see below:

   The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:
   - 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
   - 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

   As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

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As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Radhakrishna Yeluri
1810 Garzoni Pl
Santa Clara 95054
408-718-5789
Mission Gardens of Santa Clara

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Radha <airradha@yahoo.com>

Wed 5/29/2024 11:45 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

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  As a quick overview from these please see below:

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  Here is a break up:

- 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

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As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Radhakrishna Yeluri
1810 Garzoni Pl
Santa Clara 95054
408-718-5789
Mission Gardens of Santa Clara

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Jerin <jerin@jerin.me>

Wed 5/29/2024 11:59 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

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Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.
While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:
Health Concerns: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.
Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
Here are a few links for reference to some such research articles:

https://nam02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.ncbi.nlm.nih.gov%2Fpmc%2Farticles%2FPMC10590107%2F&data=05%7C02%7CNRS-KRS%40aspeneg.com%7C26f4a927de7f46e3eed208dc80115ef9%7Cf56a45392d8e4b0d8454a64203aa39d3%7C0%7C0%7C638526059964505163%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C60000%7C%7C%7C&sdata=2zU5mJiRMHucH32dbWubEHJpQwfeCTywRv0bfDwPLaY%3D&reserved=0
https://nam02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.hydroone.com%2Fpoweroutagesandsafety_%2Fcorporatehealthandsafety_%2FEMFs%2FTransmission_Line_EMF_Fields.pdf&data=05%7C02%7CNRS-KRS%40aspeneg.com%7C26f4a927de7f46e3eed208dc80115ef9%7Cf56a45392d8e4b0d8454a64203aa39d3%7C0%7C0%7C638526059964521213%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C60000%7C%7C%7C&sdata=msUpV6tA9gtr8DdwNPa%2BVH4mUgrN%2BEjEeQgKKQbb1Uc%3D&reserved=0
https://nam02.safelinks.protection.outlook.com/?

url=https%3A%2F%2Fwww.emrss.com%2Fblogs%2Femr-shielding-solutions-blogs%2Fwhat-are-safe-levels-of-emf&data=05%7C02%7CNRS-KRS%40aspeneg.com%7C26f4a927de7f46e3eed208dc80115ef9%7Cf56a45392d8e4b0d8454a64203aa39d3%7C0%7C0%7C638526059964527690%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C60000%7C%7C%7C&sdata=dIeK%2F9keeTyZV%2B7RgJ521BBvCUDyP8lmyhHGk6Jp3tM%3D&reserved=0

As a quick overview from these please see below:

The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:

- 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.

Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

Increased Risk for Catastrophic Accidents and Fire Hazards: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.

Impact on Home Insurance Costs: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.

Property Value Concerns: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.

Aesthetic Impact: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.

Complexity and Inconvenience: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.

Exploring Alternatives: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary

infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Jerin Joy
1910 Garzoni Place, Santa Clara, CA
4083064400
Missing Gardens Townhomes

Concerns Regarding new 115 kV power lines.

Punnya Cipson <punnyacipson@gmail.com>

Thu 5/30/2024 8:20 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.
2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
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6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.

7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in route A and B. I implore Silicon Valley Power to consider alternative options(route C) that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter, and eagerly await your response.

Sincerely

Punnya Ann Joy
punnyacipson@gmail.com
Payne Place Community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

satya <satyagbe@yahoo.com>
Wed 5/29/2024 1:01 PM
To:NRS-KRS Project <NRS-KRS@aspeneg.com>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
- https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

  As a quick overview from these please see below:

  The magnetic field generated by the high power lines is way beyond safe levels for humans.
  Here is a break up:
  - 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
  - 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
4. **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.
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6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.
7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Satya Gandreddi
1933 Garzoni Place, Sanata Clara, CA-95054
satyagbe@yahoo.com
Mission Gardens

RE: Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Allie Jackman <AJackman@SantaClaraCA.gov>

Thu 5/30/2024 2:43 PM

To:satya <satyagbe@yahoo.com>
Cc:NRS-KRS Project <NRS-KRS@aspeneg.com>

Dear Concerned Resident of Santa Clara,

Thank you for submitting a comment on Silicon Valley Power's Northern Receiving Station (NRS) to Kifer Receiving Station (KRS) 115 kV Transmission Line Project. Your comment has been recorded and will be addressed and responded to in detail within the upcoming CEQA document (IS/MND). As a reminder, once the CEQA document is published, there will be another opportunity for public comment. We have added your information to our notification list for this project.

We look forward to continuing to work with you on this important project.

Best regards,

ALLIE JACKMAN, P.E.
Principal Electric Utility Engineer
D: 408-615-6639
881 Martin Avenue, Santa Clara, CA 95050
www.siliconvalleypower.com

From: satya <satyagbe@yahoo.com>
Sent: Wednesday, May 29, 2024 1:04 PM
To: Allie Jackman <AJackman@SantaClaraCA.gov>
Subject: Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

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As a quick overview from these please see below:

The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:

· 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.

· 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.

Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Satya Gandreddi
1933 Garzoni Place, Santa Clara, CA-95054
satyagbe@yahoo.com
Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Neethu Cherian <neethucherian86@gmail.com>

Wed 5/29/2024 1:20 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

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   As a quick overview from these please see below:

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   · 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.

- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
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As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution

Neethu Cherian
1910 Garzoni Place
Santa Clara, CA, 95054
Phone #: 408-431-9601
Mission Gardens

Concerns Regarding new 115 kV power lines

Lenny Le <lenny.le@gmail.com>

Wed 5/29/2024 1:46 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

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These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal,

I strongly oppose the installation of power lines in route A and B. I implore Silicon Valley Power to consider alternative options(route C)

We strongly recommend utilizing the existing underground channel near Payne Place if Route A or B is chosen. For your reference, the Payne Place community already benefits from underground electric lines, eliminating the need for overhead lines in that area.

that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter, and eagerly await your response.

Sincerely

Leonard Le
2146 Payne Pl, Santa Clara
lenny.le@gmail.com
Payne Place Community

Concerns Regarding new 115 kV power lines

Diem Nguyen <diemhieu@sbcglobal.net>

Wed 5/29/2024 1:55 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

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Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

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These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal,

I strongly oppose the installation of power lines in route A and B. I implore Silicon Valley Power to consider alternative options(route C) that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

We strongly recommend utilizing the existing underground channel near Payne Place if Route A or B is chosen. For your reference, the Payne Place community already benefits from underground electric lines, eliminating the need for overhead lines in that area.

Thank you for your attention to this pressing matter, and eagerly await your response.

Sincerely

Diem Nguyen
2146 Payne Pl, Santa Clara
cipsonj@gmail.com
Payne Place Community

Re: Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community (Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS)

Yuri Kleban π <yurikleban@google.com>

Thu 5/30/2024 4:06 PM

To:Allie Jackman <AJackman@santaclaraca.gov>
Cc:NRS-KRS Project <NRS-KRS@aspeneg.com>

Thank you for the update Allie, much appreciated. Let me know if I can provide any more info.

Yuri Kleban | Global Partnerships Tools - Global Product Lead Manager | Google |

I am part of the g2g coaching program in Google. Sign up at go/coachyuri

On Thu, May 30, 2024 at 2:44 PM Allie Jackman <AJackman@santaclaraca.gov> wrote:

> Dear Concerned Resident of Santa Clara,
>
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>
> We look forward to continuing to work with you on this important project.
>
> Best regards,
>
> SILICON VALLEY POWER. CITY OF SANTA CLARA
>
> **ALLIE JACKMAN, P.E.**
>
> Principal Electric Utility Engineer
>
> D: 408-615-6639
>
> 881 Martin Avenue, Santa Clara, CA 95050
>
> www.siliconvalleypower.com
>
> ---
>
> **From:** Yuri Kleban π <yurikleban@google.com>
> **Sent:** Wednesday, May 29, 2024 1:56 PM
> **To:** Allie Jackman <AJackman@SantaClaraCA.gov>

Subject: Re: Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community (Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS)

Hello there,

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EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

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Yuri Kleban | Global Partnerships Tools - Global Product Lead Manager | Google |

I am part of the g2g coaching program in Google. Sign up at go/coachyuri

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Concerns Regarding new 115 kV power lines

Niaz Khan <nkhan1100@yahoo.com>

Wed 5/29/2024 2:15 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.
2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
4. **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.
5. **Aesthetic Impact**: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.
6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.
7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs.

These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal,

I strongly oppose the installation of power lines in route A and B. I implore Silicon Valley Power to consider alternative options (route C) that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

We strongly recommend utilizing the existing underground channel near Payne Place if Route A or B is chosen. For your reference, the Payne Place community already benefits from underground electric lines, eliminating the need for overhead lines in that area.

Thank you for your attention to this pressing matter, and eagerly await your response.

Sincerely

Niaz Khan
2134 Payne Place, Santa Clara, 95054
nkhan1100@yahoo.com
Payne Place Community

Concerns Regarding new 115 kV power lines.

gayathri ch <gayi3.ch1@gmail.com>

Thu 5/30/2024 8:20 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

Hi To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

Health Concerns: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

Increased Risk for Catastrophic Accidents and Fire Hazards: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.

Impact on Home Insurance Costs: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.

Property Value Concerns: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.

Aesthetic Impact: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.

Complexity and Inconvenience: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.

Exploring Alternatives: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal,

I strongly oppose the installation of power lines in route A and B. **I implore Silicon Valley Power to consider alternative options(route C)** that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

We strongly recommend utilizing the existing underground channel near Payne Place if Route A or B is chosen. For your reference, the Payne Place community already benefits from underground electric lines, eliminating the need for overhead lines in that area.

Thank you for your attention to this pressing matter, and eagerly await your response.

Sincerely

Gayathri Chebrolu

2102 Payne Pl, Santa Clara, CA - 95054
gayi3.ch1@gmail.com
Payne Place Community

Concerns Regarding new 115 kV power lines.

Anupama Raman <anupama_raman@yahoo.com>

Wed 5/29/2024 2:53 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclara.gov <mayorandcouncil@santaclara.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal,

I strongly oppose the installation of power lines in route A and B. I implore Silicon Valley Power to consider alternative options(route C) that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

We strongly recommend utilizing the existing underground channel near Payne Place if Route A or B is chosen. For your reference, the Payne Place community already benefits from underground electric lines, eliminating the need for overhead lines in that area.

Thank you for your attention to this pressing matter, and eagerly await your response

Anupama swaminath

2126 Payne place

Santa Clara , CA-95054

Sent from my iPhone

Concerns Regarding new 115 kV power lines

Shaheen Khan <skhan66002@gmail.com>

Wed 5/29/2024 2:58 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>

To Whomsoever it may concern,

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Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.
2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
4. **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.
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6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.

7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal,

I strongly oppose the installation of power lines in route A and B. I implore Silicon Valley Power to consider alternative options (route C) that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

We strongly recommend utilizing the existing underground channel near Payne Place if Route A or B is chosen. For your reference, the Payne Place community already benefits from underground electric lines, eliminating the need for overhead lines in that area.

Thank you for your attention to this pressing matter, and eagerly await your response.

Sincerely

Shaheen Khan

2134 Payne Place, Santa Clara, 95054

skhan66002@gmail.com
Payne Place Community

new 115 kV power lines

abhi.pant@yahoo.com <abhi.pant@yahoo.com>

Wed 5/29/2024 3:43 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>
Cc:rahulkhona@yahoo.com <rahulkhona@yahoo.com>

Re : proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS)

We live at 2138 Payne Place, Santa Clara and are **highly concerned about the new 115kV power lines passing through our area.**

Request: Please reconsider the installation of power lines in route A and B as that is detrimental to the residents at Payne Place. Please find another route.

Thank you,
Rahul Khona and Abhi Pant

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Hima Sree MC <himahari@gmail.com>

Wed 5/29/2024 4:39 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
- https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

As a quick overview from these please see below:

The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:
- 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

1. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
2. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
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6. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Himasree Chundi
1849 Silva place
Santa Clara, CA-95054
Mission Gardens

--

:-P **Smile.....And the world smiles with you** :-P

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

TheGoteFamily <sucheshri@gmail.com>

Wed 5/29/2024 4:46 PM

To:mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>; manager@santaclaraca.gov <manager@santaclaraca.gov>;AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>;NRS-KRS Project <NRS-KRS@aspeneg.com>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that

magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
- https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

As a quick overview from these please see below:

The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:

- Â· 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
- Â· 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant

impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
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restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.

7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Sushil Gote
4506 St Palais Place
Santa Clara
CA
4084318629

--
Sushil &Chetna Gote
San Jose, CA

Re: Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Ashwini <ashwini208@yahoo.com>

Wed 5/29/2024 4:55 PM

To:Gane Sugali <ganenaik@yahoo.com>;NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>
Cc:Gane Sugali <ganenaik@yahoo.com>

On Mon, May 27, 2024 at 2:55 PM, Gane Sugali <ganenaik@yahoo.com> wrote:

To Whomsoever it may concern,
As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).
Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.
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Health Concerns: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.
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As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

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Increased Risk for Catastrophic Accidents and Fire Hazards: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.

Impact on Home Insurance Costs: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
Property Value Concerns: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.
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I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.
As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.
Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Aswini Kumbavath
1921 Silva place Santa Clara 95054
4087189040
Mission Garden community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

kanupriya kabra <kanu449@gmail.com>

Wed 5/29/2024 4:55 PM

To:AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>;NRS-KRS Project <NRS-KRS@aspeneg.com>; info@siliconvalleypower.com <info@siliconvalleypower.com>;manager@santaclaraca.gov <manager@santaclaraca.gov>; mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
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  As a quick overview from these please see below:

  The magnetic field generated by the high power lines is way beyond safe levels for humans.
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  - 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.

- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
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4. **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.
5. **Aesthetic Impact**: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.
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7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Kanupriya Kabra
2029 Garzoni Pl, Santa Clara, CA 95054
Phone: 408-431-3012
Mission Gardens

Concerns Regarding new 115 kV power lines.

Gmail-CL <jay.ily2004@gmail.com>

Thu 5/30/2024 8:20 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>
Cc:Gmail-CL <jay.ily2004@gmail.com>

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While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

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impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal,

I strongly oppose the installation of power lines in route A and B. I implore Silicon Valley Power to consider alternative options(route C) that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

We strongly recommend utilizing the existing underground channel near Payne Place if Route A or B is chosen. For your reference, the Payne Place community already benefits from underground electric lines, eliminating the need for overhead lines in that area.

Thank you for your attention to this pressing matter, and eagerly await your response.

Sincerely

Emily Le
2146 Payne Pl, Santa Clara
jay.ily2004@gmail.com
Payne Place Community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Unnikrishnan Udinoor <unnikrishnan.udinoor@gmail.com>

Wed 5/29/2024 4:57 PM

To:ajackman@santaclaraca.gov <ajackman@santaclaraca.gov>;NRS-KRS Project <NRS-KRS@aspeneg.com>; mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>; manager@santaclaraca.gov <manager@santaclaraca.gov>

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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Unnikrishnan Udinoor
4479 Moulin Pl, Santa Clara - 95054
408 368 2674
Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS)

Simple Yadav <simpleyadav123@gmail.com>

Thu 5/30/2024 8:20 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

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https://nam02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.ncbi.nlm.nih.gov%2Fpmc%2Farticles%2FPMC10590107%2F&data=05%7C02%7Cnrs-krs%40aspeneg.com%7Cc13297b7d13b49b7aa7608dc803ad518%7Cf56a45392d8e4b0d8454a64203aa39d3%7C0%7C0%7C638526792159684221%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C60000%7C%7C%7C&sdata=r1uVe7ZGMfL0cIaPTQgWpu6kaNHzQ1MysJuGjcqSVJU%3D&reserved=0

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https://nam02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.emrss.com%2Fblogs%2Femr-shielding-solutions-blogs%2Fwhat-are-safe-levels-of-emf&data=05%7C02%7Cnrs-krs%40aspeneg.com%7Cc13297b7d13b49b7aa7608dc803ad518%7Cf56a45392d8e4b0d8454a64203aa39d3%7C0%7C0%7C638526792159696016%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C60000%7C%7C%7C&sdata=WktXcwAAfxCxxvi7UlHPyYcpvCr%2Bphr%2F4K0cPM02n9Y%3D&reserved=0

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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Simple Yadav
1861 Garzoni Pl,
Santa clara
408-507-6352

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Hima <hima@kalapatapu.com>

Wed 5/29/2024 5:12 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

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Hima Kalapatapu
4502 St Palais Pl
Santa Clara

Feedback regarding 115KV TRANSMISSION LINE

Sandeep Jain <sandeep@leelalabs.com>

Wed 5/29/2024 5:16 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>

Hello Ms. Jackman,

I am a resident living adjacent to Lafayette street and even though I appreciate the efforts SVP is taking to help the power situation in Santa Clara I am strongly against the "overground" plan for Route A.

Specifically, that plan is going to create a massive problem for the residents living near lafayette who already have to contend with the following problems:

1. road noise
2. train noise
3. overhead aeroplanes

Having the overground nine electric poles is going to spoil the aesthetic beauty of a residential area while also having health hazards.

If Route A must be chosen, why not do the "underground" option which will work for everyone.

Thank you,

Sandeep Jain
408.966.4763

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Paddy Subbian <psubbian@gmail.com>

Wed 5/29/2024 6:04 PM

To:AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>;NRS-KRS Project <NRS-KRS@aspeneg.com>; info@siliconvalleypower.com <info@siliconvalleypower.com>;manager@santaclaraca.gov <manager@santaclaraca.gov>; mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>

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Health Concerns: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
Here are a few links for reference to some such research articles:

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
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As a quick overview from these please see below:

The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:

- 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

Increased Risk for Catastrophic Accidents and Fire Hazards: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.

Impact on Home Insurance Costs: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.

Property Value Concerns: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.

Aesthetic Impact: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.

Complexity and Inconvenience: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.

Exploring Alternatives: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Paddy Subbian
1885 Silva Place, Santa Clara 95054
408 569 2933
Mission Gardens Community

RE: Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Allie Jackman <AJackman@SantaClaraCA.gov>

Thu 5/30/2024 4:13 PM

To:Aparna Raman <aparna.vijay@gmail.com>
Cc:NRS-KRS Project <NRS-KRS@aspeneg.com>

Dear Concerned Resident of Santa Clara,

Thank you for submitting a comment on Silicon Valley Power's Northern Receiving Station (NRS) to Kifer Receiving Station (KRS) 115 kV Transmission Line Project. Your comment has been recorded and will be addressed and responded to in detail within the upcoming CEQA document (IS/MND). As a reminder, once the CEQA document is published, there will be another opportunity for public comment. We have added your information to our notification list for this project.

We look forward to continuing to work with you on this important project.

Best regards,

ALLIE JACKMAN, P.E.
Principal Electric Utility Engineer
D: 408-615-6639
881 Martin Avenue, Santa Clara, CA 95050
www.siliconvalleypower.com

From: Aparna Raman <aparna.vijay@gmail.com>
Sent: Wednesday, May 29, 2024 6:56 PM
To: Manager <Manager@santaclaraca.gov>; Allie Jackman <AJackman@SantaClaraCA.gov>; Mayor and Council <MAYORANDCOUNCIL@SantaClaraCA.gov>; PlanningCommission <PLANNINGCOMMISSION@santaclaraca.gov>
Subject: Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Hello Sir/ Madam,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful

consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

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The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:

- Â· 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
- Â· 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.

Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to

existing railway lines, residential buildings, and heavy vehicular traffic.

3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
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I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and

safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Sent from my iPhone

Aparna Raman
1881 Garzoni Pl
Santa Clara
4126086258 (c)

Alternative Solutions Needed: Proposed Power Lines Threaten Public Health

Praveen <praveen.vutukuru@gmail.com>

Fri 5/31/2024 8:30 AM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

To Whom It May Concern:

I am a resident of Mission Gardens Community in Santa Clara deeply concerned about the proposed installation of high-power electric transmission lines and poles by Silicon Valley Power (SVP). This project, connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS), poses serious potential health risks for our community.

While I understand the need to upgrade our city's power infrastructure, I strongly oppose Options A and B due to significant concerns surrounding electromagnetic fields (EMFs):

Health Risks of EMF Exposure: Extensive research indicates a possible link between prolonged exposure to high levels of EMFs and adverse health outcomes. These include increased risks of certain cancers, neurological disorders, and other health issues, particularly in children and the elderly.

My research has uncovered compelling evidence supporting these concerns. For instance:

- **Unsafe Levels of Magnetic Fields:** Studies show that magnetic fields generated by high-voltage power lines can significantly exceed safe levels for human exposure. The proposed lines would place residents, especially those on Lafayette Street, within 50 feet of these fields, exposing them to potentially harmful levels of EMF radiation.
- **Scientific Research:** Numerous studies have linked EMF exposure to negative health effects. (I can provide references upon request.)
- **Precautionary Principle:** Even a small risk to public health is significant. We must prioritize caution and err on the side of safety.

Beyond Health:

In addition to the health concerns, the proposed installation also:

- **Increases Risk of Accidents:** The congested utility zone along Lafayette Street, with existing railway lines, residential buildings, and heavy traffic, already poses safety risks. Adding high-voltage lines significantly increases the potential for catastrophic accidents and fire hazards.
- **Impacts Home Insurance Costs:** The presence of high-power lines can lead to increased insurance premiums, further burdening homeowners in our already expensive region.
- **Lowers Property Values:** The health risks and aesthetic concerns associated with power lines could negatively impact property values.
- **Diminishes Aesthetics:** Large poles and wires would detract from the beauty of our neighborhood.

Alternative Solutions:

I urge the city and SVP to prioritize public health and safety by exploring alternative solutions. These could include:

- Upgrading existing power lines.
- Investing in underground power lines (despite potential higher upfront costs).
- Investigating advanced technologies or alternative routes.

Request for Action:

I respectfully request a meeting with city officials and SVP representatives to discuss these concerns in detail and explore viable alternatives. It is crucial to find a solution that balances infrastructure needs with the health, safety, and well-being of Santa Clara residents.

I strongly oppose the installation of power lines in Options A and B and urge Silicon Valley Power to prioritize alternative options that protect our community.

Thank you for your time and consideration.

Sincerely,

Praveen Vutukuru

2002 Garzoni Pl, Santa Clara, CA 95054

650-265-8190

Mission Gardens Community

Praveen | Software Engineer | Google | 650-265-8190

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Pavan Batchu <pavan@sitenotesapp.com>

Wed 5/29/2024 9:38 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>;AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

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As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Pavan Batchu
4470 Moulin Pl
Santa Clara, CA 95054
Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Ruhi Batchu <ruhi.batchu@gmail.com>

Wed 5/29/2024 9:40 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

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Ruhi Batchu
4470 Moulin Pl
Santa Clara, 95054
Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Ravi Krishna <dockalp.ravi@gmail.com>

Wed 5/29/2024 10:07 PM

To:AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>;Ajackman@santaclara-ca.gov <Ajackman@santaclara-ca.gov>; NRS-KRS Project <NRS-KRS@aspeneg.com>;info@siliconvalleypower.com <info@siliconvalleypower.com>; manager@santaclaraca.gov <manager@santaclaraca.gov>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>

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Ravi Krishna Adusumalli
1834 garzoni place , Santa Clara, CA-95054
Mission Gardens community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

srinivas dangeti <dsrinu06@gmail.com>

Wed 5/29/2024 10:13 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>; planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>;AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
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- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

   As a quick overview from these please see below:

   The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:
   - 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
   - 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

   As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

   While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
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I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Srinivas Dangeti
1878 Garzoni place
Santa Clara, CA 95054
Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Ravi Krishna <dockalp.ravi@gmail.com>

Wed 5/29/2024 10:07 PM

To:AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>;Ajackman@santaclara-ca.gov <Ajackman@santaclara-ca.gov>; NRS-KRS Project <NRS-KRS@aspeneg.com>;info@siliconvalleypower.com <info@siliconvalleypower.com>; manager@santaclaraca.gov <manager@santaclaraca.gov>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>

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Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Ravi Krishna Adusumalli
1834 garzoni place , Santa Clara, CA-95054
Mission Gardens community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Hasitha Dangeti <hasitha.dangeti06@gmail.com>

Wed 5/29/2024 10:16 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Hasitha Dangeti
1878 Garzoni place
Santa Clara, CA 95054
Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Swapna Dangeti <swapna.dangeti@gmail.com>

Wed 5/29/2024 10:17 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

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Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Swapna Dangeti
1878 Garzoni place
Santa Clara, CA 95054
Mission Gardens

RE: Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Allie Jackman <AJackman@SantaClaraCA.gov>

Thu 5/30/2024 4:23 PM

To:Shashi <sraj9@yahoo.com>
Cc:NRS-KRS Project <NRS-KRS@aspeneg.com>

Dear Concerned Resident of Santa Clara,

Thank you for submitting a comment on Silicon Valley Power's Northern Receiving Station (NRS) to Kifer Receiving Station (KRS) 115 kV Transmission Line Project. Your comment has been recorded and will be addressed and responded to in detail within the upcoming CEQA document (IS/MND). As a reminder, once the CEQA document is published, there will be another opportunity for public comment. We have added your information to our notification list for this project.

We look forward to continuing to work with you on this important project.

Best regards,

ALLIE JACKMAN, P.E.
Principal Electric Utility Engineer
D: 408-615-6639
881 Martin Avenue, Santa Clara, CA 95050
www.siliconvalleypower.com

From: Shashi <sraj9@yahoo.com>
Sent: Wednesday, May 29, 2024 10:36 PM
To: Allie Jackman <AJackman@SantaClaraCA.gov>
Subject: Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

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Shashi Devaraju
1850 Garzoni Place, Santa Clara, CA 95054
408 429 0217
Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Srinivas Reddy <saruva@gmail.com>

Wed 5/29/2024 10:39 PM

To:AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>;NRS-KRS Project <NRS-KRS@aspeneg.com>; mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>; manager@santaclaraca.gov <manager@santaclaraca.gov>

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- Â· 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's

evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
4. **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.
5. **Aesthetic Impact**: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.

6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.
7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Srinivas

1813 Silva Place, Santa Clara

408-373-2893

Mission Gardens

Re: Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Srinivas <cogred@yahoo.com>

Wed 5/29/2024 10:41 PM

To:AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>;NRS-KRS Project <NRS-KRS@aspeneg.com>; mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>; manager@santaclaraca.gov <manager@santaclaraca.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and

neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
- https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

As a quick overview from these please see below:

The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:

- Â· 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
- Â· 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a

distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further,

exacerbating the already soaring home insurance costs in the Bay Area.

4. **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.
5. **Aesthetic Impact**: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.
6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.
7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health,

safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Vasanti

1813 Silva Place, Santa Clara

408-373-2893

Mission Gardens

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Vishnu H <vishnuhari@gmail.com>

Wed 5/29/2024 11:04 PM

To:AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>;NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclara.gov <planningcommission@santaclara.gov>;manager@santaclara.gov <manager@santaclara.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
- https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

   As a quick overview from these please see below:

   The magnetic field generated by the high power lines is way beyond safe levels for humans. Here is a break up:
   - 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.
   - 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

   As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

   While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
   Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, he
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6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures,
7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite pot

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Vishnu Vardhan Hari
4459 Moulin Pl. Santa Clara, CA 95054
408.398.4449
Mission Gardens Community

Concerns Regarding Upcoming High Power Electric Wire Poles in Our Community(Mission Gardens) for the upcoming SVP project connecting the Northern Receiving Station NRS to Kifer receiving station (KRS).

Vidya <srividya.chavali@gmail.com>

Wed 5/29/2024 11:08 PM

To:AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>;NRS-KRS Project <NRS-KRS@aspeneg.com>; mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>;info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclara.gov <planningcommission@santaclara.gov>; manager@santaclara.gov <manager@santaclara.gov>

To Whomsoever it may concern,

As a concerned resident of Santa Clara, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

Having reviewed the materials provided by your office and attended the recent public scoping meeting on May 23, 2024, I have delved into the details of the project. After careful consideration, I must voice my complete opposition to options A and B.

While acknowledging the necessity of upgrading the city's power infrastructure, there are several significant concerns that demand attention:

1. **Health Concerns**: The potential health risks associated with prolonged exposure to unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly. I have extensively researched this topic and found compelling evidence supporting these concerns. For instance, there is extensive research supporting that magnetic fields generated by the proposed power lines far exceed safe levels for human exposure, posing significant risks to residents, particularly those living within close proximity to the installation site.

   Residents living in close proximity to these high power lines are at greater risk. I have gone through several medical and scientific research papers published on this matter that support our concern on this matter.
   Here are a few links for reference to some such research articles:

- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10590107/
- https://www.hydroone.com/poweroutagesandsafety_/corporatehealthandsafety_/EMFs/Transmission_Line_EMF_Fields.pdf
- https://www.emrss.com/blogs/emr-shielding-solutions-blogs/what-are-safe-levels-of-emf

As a quick overview from these please see below:

The magnetic field generated by the high power lines is way beyond safe levels for humans.
Here is a break up:

- 115kV power transmission line has a Mean Magnetic Field (mG) of 6.5 at a distance of <50 feet.

- 230kV power transmission line has a Mean Magnetic Field (mG) of 19.5 at a distance of <50 feet. (ref. Link2)

As the project stands today, the first row of houses in Mission Gardens on Lafayette Street will be less than 50 feet from the proposed installation point per Route A of these poles.The safe value of magnetic field around humans is 0.7mg (ref. Link3) per numbers listed above, it's evident that residents in close proximity will be exposed to very high unsafe levels of EMF. This will have a significant impact to all the residents within 50-75 feet. As mentioned ,more reference to various NIH research articles on Pubmed can also be provided if needed to reinforce the concerns.

While I am speaking up as a resident of Mission Gardens, there are many other houses and apartment complexes along and near Lafayette St. whose residents will also be impacted by the unsafe levels of EMF.
Even a small risk is substantial for public health safety and can and should not be ignored by authorities; we need to err on the side of caution.

2. **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an already congested utility zone along Lafayette Street, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
3. **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
4. **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, posing a significant concern for homeowners who have invested substantially in their properties.
5. **Aesthetic Impact**: The installation of large electric poles and wires would detract from the visual appeal of our neighborhood, undermining the pride we take in our well-maintained homes and attractive streetscapes.
6. **Complexity and Inconvenience**: The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes. Moreover, frequent power outages and service interruptions may result from ongoing maintenance activities.
7. **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Srividya Hari
4459 Moulin Pl. Santa Clara, CA 95054
510.358.1995
Mission Gardens Community

Concerns of upcoming 115 / 230 KV Transmission line off Lafayette Street, Santa Clara

Vijay Divakaruni <vijaya.divakaruni@gmail.com>

Wed 5/29/2024 11:12 PM

To:NRS-KRS Project <NRS-KRS@aspeneg.com>;mayorandcouncil@santaclaraca.gov <mayorandcouncil@santaclaraca.gov>; info@siliconvalleypower.com <info@siliconvalleypower.com>;planningcommission@santaclaraca.gov <planningcommission@santaclaraca.gov>;manager@santaclaraca.gov <manager@santaclaraca.gov>; AJackman@santaclaraca.gov <AJackman@santaclaraca.gov>

Dear Sir / Ma'am,

As a concerned resident of Santa Clara living on Lafayette Street, I am writing to express our apprehensions regarding the proposed installation route for high-power electric transmission lines and poles by Silicon Valley Power (SVP). This initiative is part of the project aimed at connecting the Northern Receiving Station (NRS) and Kifer Receiving Station (KRS).

After careful consideration of reviewing the materials provided by your office and attending the recent public scoping meeting, while acknowledging the necessity of upgrading the city's power infrastructure, I would like to express my opposition to both options A & B. **Options A & B seems like the best option from engineering and financial perspective with no regard to the impact of those transmission lines on citizens who have to live undernath them for ever!**

I tried to list a couple of concerns with a brief reasoning:

- **Health Concerns**: Serious health risks associated with prolonged exposure to **unsafe levels of electromagnetic fields (EMFs) emitted by these high-power electric lines** are paramount. Numerous studies have indicated a possible correlation between EMF exposure and various health issues, including heightened risks of certain cancers and neurological disorders, especially in children and the elderly.
- **Increased Risk for Catastrophic Accidents and Fire Hazards**: The proposed route intersects with an **already congested utility zone along Lafayette Street**, heightening the risk of accidents and fire hazards, especially given the proximity to existing railway lines, residential buildings, and heavy vehicular traffic.
- **Complexity and Inconvenience**: This new addition to the street **causes significant disruptions to residents who live by and must use Lafayette street for our living**. The construction and maintenance of these power lines could disrupt our daily lives, leading to noise pollution, road closures, and restricted access to homes.
- **Impact on Home Insurance Costs**: The addition of high-power transmission lines in front of residences introduces additional risk factors that could prompt insurance companies to raise premiums further, exacerbating the already soaring home insurance costs in the Bay Area.
- **Property Value Concerns**: The aesthetic and health-related concerns associated with the proposed power lines could adversely affect property values in our community, **posing a significant concern for homeowners who have invested their life savings in their homes**. And **not to say how these huge & ugly poles impact the aesthetic value of our neighborhood giving an industrial look than a well-kept residential community**.
- **Exploring Alternatives**: We urge the city to explore alternative solutions such as upgrading existing lines or implementing underground power lines, despite potentially higher upfront costs. These alternatives offer long-term benefits in terms of safety, reliability, and minimal aesthetic impact. Additionally, investigating advanced technologies and alternative routing options could help mitigate the adverse effects on our community.

I respectfully request a meeting with relevant city officials and representatives from the utility company to discuss these concerns in detail and explore viable solutions. Finding a balance between necessary infrastructure upgrades and safeguarding the health, safety, and aesthetic integrity of our community is imperative.

As a concerned resident of Santa Clara, and a member of a community directly affected by this proposal, I strongly oppose the installation of power lines in options A and B. I implore Silicon Valley Power to consider alternative options that prioritize public health and safety and minimize adverse impacts on Santa Clara residents.

Thank you for your attention to this pressing matter. I eagerly await your response and the opportunity to collaborate on finding a satisfactory resolution.

Vijaya Divakaruni
1970 Garzoni Place, Santa Clara
Mission Gardens Townhomes