

**From:** [Karl Heisler](#)  
**To:** [Hill, Shannon](#)  
**Cc:** [Elliott Schwimmer](#); [Hillary Gitelman](#); [Linda S. Peters](#); [Meryka Dirks](#); [Pete Choi](#); [Keyon, David](#)  
**Subject:** RE: Substation Service Option Diagrams  
**Date:** Friday, March 6, 2020 6:29:00 PM  
**Attachments:** [Substations\\_CEC.pdf](#)

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[External Email]

Shannon: To answer your question about PG&E substations, only San Jose A is within the project area and that's why it is the only one that shows up in the project description utility map. San Jose B is at Coleman Avenue and El Patio is way over in Campbell, near SR 17/Hamilton Avenue (see attached map from the California Energy Commission). We will clarify these locations in the text, and will also show the proposed on-site substation.

Thank you.

**Karl F. Heisler**

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**From:** Hill, Shannon <Shannon.Hill@sanjoseca.gov>

**Sent:** Friday, March 6, 2020 12:40 PM

**To:** Elliott Schwimmer <ESchwimmer@esassoc.com>; Hillary Gitelman <HGitelman@esassoc.com>; Karl Heisler <KHeisler@esassoc.com>; Linda S. Peters <lspeters@esassoc.com>; Meryka Dirks <MDirks@esassoc.com>; Pete Choi <PChoi@esassoc.com>

**Cc:** Keyon, David <david.keyon@sanjoseca.gov>

**Subject:** Substation Service Option Diagrams

Hi All,

Please refer to the email thread below and the attached diagrams.

Per Robert's email below, please include information about these options in the project description and energy section.

Thanks!

Shannon Hill, Planner

Planning, Building & Code Enforcement | Environmental Review Section

City of San José | 200 East Santa Clara Street

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**From:** Manford, Robert  
**Sent:** Thursday, March 5, 2020 1:54 PM  
**To:** Keyon, David <[david.keyon@sanjoseca.gov](mailto:david.keyon@sanjoseca.gov)>; Hill, Shannon <[Shannon.Hill@sanjoseca.gov](mailto:Shannon.Hill@sanjoseca.gov)>  
**Cc:** 'Bhavesh Parikh' <[bhaveshp@google.com](mailto:bhaveshp@google.com)>  
**Subject:** FW: service option diagrams

David/Shannon:

Per yesterday's discussion about the possible on-site station on parcel F5, please forward the attached to ESA, so that they can include this in the project description and also the energy section.

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**From:** Mitchell, Lori  
**Sent:** Thursday, March 5, 2020 1:33 PM  
**To:** Paul Dunne <[pauldunne@google.com](mailto:pauldunne@google.com)>; Iana Nedialkova <[nedialkova@google.com](mailto:nedialkova@google.com)>; [breyer@google.com](mailto:breyer@google.com); [bhaveshp@google.com](mailto:bhaveshp@google.com); Cindy Muller <[cindymuller@google.com](mailto:cindymuller@google.com)>; Manford, Robert <[Robert.Manford@sanjoseca.gov](mailto:Robert.Manford@sanjoseca.gov)>  
**Cc:** Ortbal, Jim <[Jim.Ortbal@sanjoseca.gov](mailto:Jim.Ortbal@sanjoseca.gov)>; Ekern, Bill <[Bill.Ekern@sanjoseca.gov](mailto:Bill.Ekern@sanjoseca.gov)>; Benabente, Julie <[Julie.Benabente@sanjoseca.gov](mailto:Julie.Benabente@sanjoseca.gov)>; O'Connor, Kevin <[Kevin.Oconnor@sanjoseca.gov](mailto:Kevin.Oconnor@sanjoseca.gov)>  
**Subject:** service option diagrams

Attached are the service options diagrams from Flynn we discussed yesterday.

As Doug notes there appears to be very little difference between the physical footprint of Alt 0, 2 and 2A.

**Lori**

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**From:** Doug Boccignone [<mailto:dougbocc@flynnrci.com>]  
**Sent:** Thursday, March 5, 2020 11:09 AM  
**To:** Mitchell, Lori <[Lori.Mitchell@sanjoseca.gov](mailto:Lori.Mitchell@sanjoseca.gov)>  
**Cc:** O'Connor, Kevin <[Kevin.Oconnor@sanjoseca.gov](mailto:Kevin.Oconnor@sanjoseca.gov)>; Barry Flynn <[brflynn@flynnrci.com](mailto:brflynn@flynnrci.com)>; Mike Keller <[mikekeller@flynnrci.com](mailto:mikekeller@flynnrci.com)>  
**Subject:** Google service option diagrams

[External Email]

Lori,

As discussed yesterday, the attached PDFs include a high level comparison of the service alternative site plans for Alt 0, 2 and 2A (03052020 Service Alternative Site Plans.pdf) and the related single line diagrams (03052020 Service Alternative Single Lines). We have not had time to add legends to the

slides to more clearly identify the segments of the existing facilities that will be removed (these are shown in green). The diagrams show that there appears to be very little difference between the physical footprint of Alt 0, 2 and 2A, and very little difference in the electrical connections between Station A and the combined customer substation/switching station vs. the separate customer substation/PG&E switching station (though the combined customer substation/switching station is a simpler/less costly configuration). I wonder if it would be possible for the DEIR description of the electrical interconnection facilities to be general enough so that it would encompass all three Alternatives.

Please let us know if you have any questions.

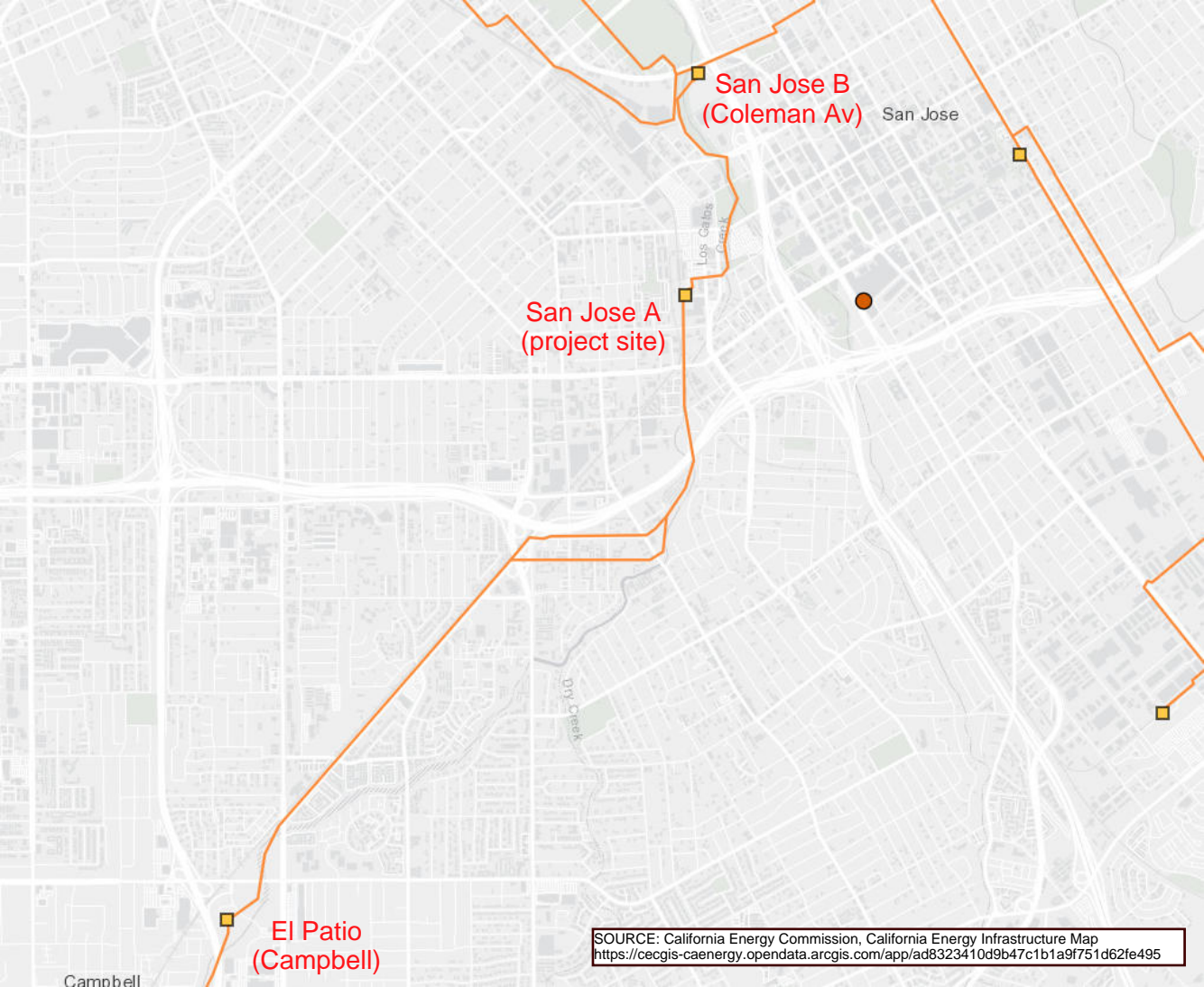
Doug

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SOURCE: California Energy Commission, California Energy Infrastructure Map  
<https://cecgis-caenergy.opendata.arcgis.com/app/ad8323410d9b47c1b1a9f751d62fe495>