

# Google Project Service Options

Service Option Consideration	ALT 0: Google Proposed (District Facility/F5 site)	ALT 1: CSJ Substation on Alternate Site	ALT 2: CSJ Substation on Google Proposed Site
Power Service arrangement (transmission, distribution or retail. Who provides service?)	Google takes retail transmission service. PG&E distribution service alternative.	CSJ takes wholesale transmission service from PG&E and provides Google cost-based distribution service.	CSJ takes wholesale transmission service from PG&E and provides Google cost-based distribution service.
Land Availability (Ownership, land-use designation, development plans)	Land currently owned by Google (portions to be transferred to PG&E?)	TBD – Substantial flexibility from electrical point of view. Significant ownership & development issues. Possible sites include: a) Railyard near PG&E Station B, b) Cahill Park, c) Google N. District Facility site, or d) other 1 acre site.	Land currently owned by Google (portions to be transferred to CSJ?)
Station Implementation Complexity (Design standards, safety/access considerations, etc.)	Complex design and operational requirements if co-located in building with residential and/or commercial tenants	Simpler implementation than other alternatives	Complex design and operational requirements if co-located in building with residential and/or commercial tenants

# Google Project Service Options (cont)

Service Option Issues	ALT 0: Google Proposed	ALT 1: CSJ Sub on Alt Site	ALT 2: CSJ Sub on Google Proposed Site
MicroGrid Implementation Complexity (Design standards)	PG&E microgrid standards under development (State Legislation)	CSJ has flexibility with respect to microgrid criteria	PG&E microgrid standards under development. (State Legislation)
Schedule Impact	Critical path dependent on PG&E performance	Critical path dependent on Google and CSJ performance	Critical path dependent on Google, PG&E and CSJ performance
EIR Status	Consistent with draft EIR	Likely requires revisions to Downtown West EIR or inclusion in revised DSAP EIR	Consistent with draft EIR?
DISC alignment or other project conflicts	Potential conflicts with track alignment. Future relocation of Station A likely required (see Other Considerations below)	No/reduced conflicts with DISC alignment. Other potential conflicts with alternative sites.	Potential conflicts with track alignment. Future relocation of Station A likely required.
Cost	Likely highest capital cost; likely highest op's cost (~\$65M)	Likely lowest capital costs; likely lowest op's cost (~\$21M)	CSJ construction reduces capital cost; low op's cost (~\$53M)
Other Considerations	PG&E could opt to relocate Station A	PG&E may oppose CSJ distribution ownership	PG&E may oppose CSJ distribution ownership