PG8	PG&E Sanger Substation Expansion Project PEA Data Requests			
No.	Reference	Description of data being requested	PG&E Response	
Proj	ect Description			
1	PEA Section 2.2	State whether new right of way (ROW) would be required for power line reconfiguration.The PEA states that the substation land would be acquired by PG&E. The PEA does not provide detail as to any whether ROW would need to be acquired for the power line reconfiguration. State whether any ROW would need to be acquired as well as the dimensions of the new ROW.	ROW would be acquired for the power line reconfiguration. Relocation agreements would need to be executed with the property owners to move the existing power line easements to the new routes. The dimensions of the relocated ROW range from 40 to 150 feet. Design is still preliminary and subject to change. As design advances, the ROW dimensions will be further refined.	
2	N/A	State whether the expanded substation would allow for interconnection of more power lines than the current substation. The PEA does not discuss any reasonably foreseeable future phases of the proposed project. State whether PG&E may in the future interconnect additional power lines into the substation as a result of the expansion.	The expanded substation is being designed to have enough room for five additional breaker-and-a-half bays if additional lines are ever routed into the substation. However, no new bays in addition to those proposed here (as represented in the PTC application) are in the 5- or 10- year plan, and further build-out of the substation would not likely occur for 20-30 years from now, if at all. Thus, PG&E believes that the addition of new lines in the future is not "reasonably foreseeable" for purposes of CEQA review and any new line location or configuration would be speculative at this time. Furthermore, the construction of new 115 kV utility lines would require compliance with CPUC permitting requirements, which would likely include CEQA review, at the time they are proposed.	
3	PEA pages 2-11, 3.1-7, and 3.1- 21	Clarify the range in height of tubular steel poles (TSPs) and light-duty steel poles (LDSPs). The PEA states that new poles would be 60 to 110 feet tall on page 2-11 and 3.1-21. The PEA states on page 3.1-7 that new poles would be 66 to 101 feet in height. Provide a height range for LDSPs and a height range for TSPs.	The above-ground heights of both TSPs and LDSPs range from approximately 65 to 110 feet above ground.	

PGð	PG&E Sanger Substation Expansion Project PEA Data Requests			
No.	Reference	Description of data being requested	PG&E Response	
4	PEA page 2-21	Provide additional detail about conductor to be installed.The PEA provides some detail on conductor	The following conductor types will be used: 1113 AAC, 477 ACSS, 397 AAC, and 715 AAC.	
		characteristics. State if the conductor is ACSR.		
5	PEA section 2.5.10	State whether trees would be removed during construction. The PEA suggests some agricultural trees may be removed. State how many trees and what type of trees would be removed.	PG&E will make an effort to minimize tree removals. Tree removals could range between 0 and 50 trees, and if any tree removals are required, the landowner will be appropriately compensated.	
6	PEA page 2-21	Describe how vegetation would be removed from the site.The PEA states vegetation would be removed. Describe how the vegetation would be removed, such as by hand, with heavy equipment, or with herbicides.	Typically a backhoe is used to remove vegetation. The backhoe will be used to remove vegetation from the surface including agricultural trees, which generally have shallow roots. The removed vegetation will be placed in a truck to be disposed of off site.	
7	PEA page 2-21	Describe how conductor would be removed from the site.The PEA states conductor would be removed after new conductor is connected. Describe how old conductor would be removed from the site.	Lines to be removed would be deenergized, and then cut down into pieces. The removed conductor would then be placed in a recycling bin, which would be removed from the site by truck.	
8	PEA section 2.5.2	Describe how poles would be shortened (topped). The PEA states that some poles may be shortened and left in place with distribution lines. Describe how poles would be topped. Discuss access to poles for topping.	A line truck and aerial lift would be used to access the pole, and a chainsaw would be used to cut the top off of the poles one foot above the distribution level.	
9	PEA section 2.5.9.1	Describe installation process for LDSPs. The PEA states that TSPs and LDSPs would be used. The PEA does not describe the installation process for LDSPs. Describe the installation process for LDSPs, including foundations and assembly.	For LDSP installation, holes slightly larger than the pole diameter (which is approximately 1.5 to 3 feet) would be augered to approximately 15 feet deep. Then the pole would be installed and the hole would be backfilled with ³ / ₄ crushed rock and natural soil.	

PG&	PG&E Sanger Substation Expansion Project PEA Data Requests			
No.	Reference	Description of data being requested	PG&E Response	
10	PEA Section 2.5.9.1	Describe how TSPs and LDSPs would be delivered to the project site. The PEA does not specify how TSPs and LDSPs would be transported to the project site. Describe how the poles would be delivered, specifying whether helicopters and heavy duty trucks would be used.	Poles would be delivered to the project site by flat bed trucks.	
11	PEA section 2.5.2	Describe diameters of TSPs and LDSPs. The PEA does not contain the diameter of new TSPs and LDSPs. State the minimum and maximum diameters of these poles.	The diameter of TSPs ranges from 2 to 3.5 feet. The diameter of LDSPs ranges from 1.5 to 3 feet.	
12	PEA section 2.5.8	Provide detail about grading depth. The PEA states that some grading would be necessary at the substation site. State the maximum anticipated depth of excavation for grading. State the maximum anticipated depth of excavation for equipment installation.	Three feet of over-excavation and re-compaction is recommended in the Geotechnical Report over the expanded substation site. Excavation for slab type foundations will likely be a maximum of 4 to 6 feet below finish grade. Drilled pier foundation depths will range from approximately 9 to 24 feet below grade.	
13	PEA Section 2.5.2	State whether the existing and new structures follow APLIC standards. The PEA does not state whether the new structures would be designed according to the standards recommended by the Avian Power Line Interaction Committee (APLIC) to reduce conflicts between birds and power lines. In addition, state whether the towers that are being removed were built following APLIC standards.	The Avian Powerline Interaction Committee (APLIC) 2006 Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006, are not industry standards, but rather recommendations. However, the new project structures were designed in accordance with PG&E Overhead Transmission Line Design Criteria 068177 and meet the recommendations from APLIC regarding separation of transmission lines. The structures identified for removal and replacement were designed and constructed prior to the organization of APLIC, but are also consistent with the current recommendations.	

PG&	PG&E Sanger Substation Expansion Project PEA Data Requests			
No.	Reference	Description of data being requested	PG&E Response	
Aest	Aesthetics			
14	PEA Section 3.1 Figure 3.1-6b	Provide Visual Simulation VP7 with darker poles and labels. The proposed TSP poles in Visual Simulation of Proposed Project 7. It is difficult to differentiate which poles are on the site of the expanded substation and which are offsite poles. Provide an updated visual simulation showing darker poles provide an additional figure for the visual simulation identifying (i.e., labeling) the pole numbers visible in both the foreground and the background of the view.	A revised visual simulation VP7 is provided in Attachment A. The attachment includes three sheets: an existing view from Viewpoint 7, a revised visual simulation, and an additional annotated version of the revised visual simulation indicating pole numbers.	
Agri	culture and Forest	Resources		
15	PEA Section 3.2.4.3	 Include Figure 2-8 or clarify the reference used on page 3.2-7. Figure 2-8 is referenced to indicated access road and pull site conditions once construction is complete; however, Figure 2-8 was not provided. Provide Figure 2-8 or revise the reference used in this section. 	 This was a typo. There is no Figure 2-8 in the Project Description, and this reference to a Figure 2-8 should be removed. PG&E provided GIS data for existing and new access road corridors in the previous response to Deficiency Letter 2. PG&E also previously provided GIS data for initial pull and tension sites in response to Deficiency Letter 1. All GIS data was submitted confidentially per PUC Section 583. This information was not included in any PEA figures. 	
Biolo	ogical Resources			
16	Biological Resources Technical Report Figure 4 and Sections 1.1 and 2.2, PEA Section 3.4.2.2	 Provide GIS data Figure 4 in the Biological Resources Technical Report. Provide GIS data for the biological resource survey area, nest locations, and habitat types presented in Figure 4 of the Biological Resources Technical Report. 	GIS data has been prepared and will be submitted confidentially per PUC Section 583.	

PG8	PG&E Sanger Substation Expansion Project PEA Data Requests			
No.	Reference	Description of data being requested	PG&E Response	
17	Biological Resources Technical Report Appendix C2	Substantiate inclusion of white-tailed kite on Appendix C2. The white-tailed kite is determined to be special status species with the potential to occur within the survey area (Appendix C2 and Table 3.4-2 in PEA section 3.4.3.2), yet it does not appear on the USFWS or CNDDB database searches in Appendix B. Provide rationale for why white- tailed kite is designated as having a potential to occur within the survey area.	White-tailed kite is not a listed, proposed, or candidate species under the federal Endangered Species Act. Therefore, it would not be included on the USFWS species list. The CNDDB only contains records of reported occurrences of special-status species, it does not provide predictive information for which species may occur in a particular area. White-tailed kite was included in the list of special-status species with a potential to occur because the project is within the range of the species and suitable habitat is present in the vicinity of the project area.	
18	PEA Section 3.4.2.2	Provide details of field survey methods. Clarify whether the additional surveyed areas identified in PEA Section 3.4.2.2 as areas with potential to support special-status species or aquatic resources are within the general biological resources survey area.	The "general biological survey area" includes all areas within approximately 500 feet of the project area, and these areas were surveyed by biologists on March 30, 2012, and April 14, 2015. Field surveys outside of these areas were limited to nesting raptor surveys (areas accessible by vehicle) within 0.5 mile of the general biological survey area.	
19	PEA Pages 3.4- 19 and 3.4-24, Response to Deficiency Letter No. 1	State specific measures from the PG&E San Joaquin Valley Operations & Maintenance Habitat Conservation Plan (HCP) that would be implemented during operations and maintenance. PG&E's response to the first deficiency letter did not state which specific measures would be implemented by operations and maintenance, as requested by deficiency #16 in the CPUC's deficiency letter. List the specific measures.	PG&E has no current knowledge of any HCP measures (AMMs) that would be implemented during operation and maintenance (O&M) activities. Use of AMMs for substation O&M work would be unlikely. The HCP considers routine maintenance and monthly inspections as covered activities, but the AMMs are triggered only when natural vegetation is affected or take coverage is needed, which is usually not the case for work inside an improved substation. However, the crews that conduct routine maintenance and inspections are properly trained on the HCP. If future operations and maintenance projects require work that could have an impact on species or natural vegetation, PG&E would draw from the following list: <i>AMMs 1-11 Natural Vegetation with No Endangered Species</i> <i>Indicated</i>	

PGð	PG&E Sanger Substation Expansion Project PEA Data Requests			
No.	Reference	Description of data being requested	PG&E Response	
			AMM 1: Employees and contractors performing O&M activities will receive ongoing environmental education. Training will include review of environmental laws and guidelines that must be followed by all personnel to reduce or avoid effects on covered species during O&M activities.	
			AMM 2: Vehicles and equipment will be parked on pavement, existing roads, and previously disturbed areas to the extent practicable.	
			AMM 3: The development of new access and ROW roads by PG&E will be minimized, and clearing vegetation and blading for temporary vehicle access will be avoided to the extent practicable.	
			AMM 4: Vehicles will not exceed a speed limit of 15 mph in the ROWs or on unpaved roads within sensitive land-cover types.	
			AMM 5: Trash dumping, firearms, open fires (such as barbecues) not required by the O&M activity, hunting, and pets (except for safety in remote locations) will be prohibited in O&M work activity sites.	
			AMM 6: No vehicles will be refueled within 100 feet of a wetland, stream, or other waterway unless a bermed and lined refueling area is constructed.	
			AMM 7: During any reconstruction of existing overhead electric facilities in areas with a high risk of wildlife electrocution (e.g., nut/fruit orchards, riparian corridors, areas along canal or creek banks, PG&E's raptor concentration zone [RCZ]), PG&E will use insulated jumper wires and bird/animal guards for equipment insulator	

PG&	PG&E Sanger Substation Expansion Project PEA Data Requests			
No.	Reference	Description of data being requested	PG&E Response	
			bushings or will construct lines to conform to the latest revision of PG&E's Bird and Wildlife Protection Standards.	
			AMM 8: During fire season in designated State Responsibility Areas (SRAs), all motorized equipment will have federal or state approved spark arrestors; a backpack pump filled with water and a shovel will be carried on all vehicles; and fire resistant mats and/or windscreens will be used when welding. In addition, during fire "red flag" conditions as determined by California Department of Forestry (CDF), welding will be curtailed, each fuel truck will carry a large fire extinguisher with a minimum rating of 40 B:C, and all equipment parking and storage areas will be cleared of all flammable materials.	
			AMM 9: Erosion control measures will be implemented where necessary to reduce erosion and sedimentation in wetlands, waters of the United States, and waters of the state, and habitat occupied by covered animal and plant species when O&M activities are the source of potential erosion problems.	
			AMM 10: If an activity disturbs more than 0.25 acre in a grassland, and the landowner approves or it is within PG&E rights and standard practices, the area should be returned to pre-existing conditions and broadcast-seeded using a commercial seed mix. Seed mixtures/straw used for erosion control on projects of all sizes within grasslands will be certified weed-free. PG&E shall not broadcast seed (or apply in other manner) any commercial seed or seed-mix to disturbance sites within other natural land-cover types, within any vernal pool community, or within occupied habitat for any plant covered-species.	

PG8	PG&E Sanger Substation Expansion Project PEA Data Requests			
No.	Reference	Description of data being requested	PG&E Response	
			 AMM 11: When routine O&M activities are conducted in an area of potential VELB habitat, a qualified individual will survey for the presence of elderberry plants within a minimum of 20 feet from the worksite. If elderberry plants have one or more stems measuring 1 inch or more in diameter at ground level are present, the qualified individual will flag those areas to avoid or minimize potential impacts on elderberry plants. If impacts (pruning/trimming, removal, ground disturbance or damage) are unavoidable or occur, then additional measures identified in the VELB conservation plan and compliance brochure will be implemented. The VELB compliance brochure must be carried in all vehicles performing O&M activities within the potential range of VELB. If this response is not sufficient, PG&E requests a telephone call between the CPUC and PG&E teams to discuss this 	
Cult	ural Resources			
20	PEA page 3.5-11	Explain why historic structures and canal would not be impacted by the project. Substantiate that historic structures and a canal would not be impacted by project activities. The PEA states that there are several resources that would not be affected by the project but does not explain why. Describe why the project would not affect the resources (e.g., distance to the resource, no visual component to the resource).	Two historic-era single family residences, a small market, and an unnamed branch of the Fowler Switch historic canal occur within the project's larger study area, but <u>not</u> within the area of the expanded substation. Therefore, these resources will not be physically impacted by the project, nor will the project substantially alter the visual setting surrounding these resources.	

PG&	PG&E Sanger Substation Expansion Project PEA Data Requests			
No.	Reference	Description of data being requested	PG&E Response	
21	PEA page 3.5-11 and Cultural Resources Studies (Appendix C)	Provide responses sent to Native American letters requesting information or action. In communication sent on April 13, 2012, the Santa Rosa Tachi Rancheria representative (Lalo Franco) recommended PG&E to conduct monitoring by an archaeologist and that all parties be made aware of the prescribed actions to be taken in the event of an unanticipated discovery of cultural resources. Clarify whether PG&E responded to this letter.	The letter from Lalo Franco was noted at the time of receipt and the recommendation was considered in evaluating the appropriate measures proposed for the project. Since the request concerns construction-related issues that will be addressed during the CEQA process, no response was sent.	
22	PEA page 3.5.5 and Deficiency Letter Response No. 1	 Provide information about any follow ups with or responses from Tribes contacted via telephone and/or email on November 04, 2015. In Response to Deficiency Letter No.1 Attachment D, there were twelve contact records that required follow up of voicemails and/or email communication. Provide records of attempted additional follow-ups after calls and emails reported on November 4, 2015 to complete PG&E's documentation of Native American consultation. 	PG&E sent letters as indicated and followed up with telephone calls on November 4, 2015. The recipients of the letters did not respond during the 30-day response period. We have received no return calls or written responses since November 4, 2015.	
Haza	ards and Hazardou	us Materials	•	
23	PEA page 3.8-6 Section 3.8.2 and 3.8.5	Provide referenced document. Provide "Environmental Data Resources, Inc. 2012. The EDR Radius Map Report with Geocheck. North McCall Avenue/Jensen Avenue, Sanger, CA. Environmental Data Resources, Inc. Milford, Connecticut. Report No. 3290411.2s."	PG&E has included this reference document as Attachment B.	
24	PEA page 3.8-7 Section 3.8.1 and 3.8.5	Provide referenced document. Provide "Pacific Gas and Electric Company. 2015. California Environmental Reporting System Submittal Summary for PG&E Sanger Substation (CERS ID: 10128688)."	PG&E has included this reference document, without the confidential facilities layout, as Attachment C.	

PG8	PG&E Sanger Substation Expansion Project PEA Data Requests			
No.	Reference	Description of data being requested	PG&E Response	
25	PEA page 3.8-8 Section 3.8.2 and 3.8.5	Provide referenced document. Provide "Pacific Gas and Electric Company. 2013. Spill Prevention Control and Countermeasure (SPCC) Plan, Sanger Substation, McCall Avenue North of Jensen Avenue, Sanger, California."	PG&E has included this reference document, without the confidential facilities layout and inventory, as Attachment D.	
Hyd	rology and Water	Quality		
26	PEA page 3.9- 10 Section 3.9.4	Confirm that an oil-water separator would be part of the proposed stormwater retention basin system. Section 3.9.4 of the PEA indicates that as part of the proposed project, "the proposed stormwater retention basin will include an oil-water separator to reduce the potential for discharge of polluted stormwater in the event of a leak or spill." This activity is not specified in Section 2.0. Clarify if an oil-water separator would be part of the proposed project's stormwater retention basin design.	There will be no oil-water separator. In the event of a mineral oil spill, all contaminated water and oil in the basin would be pumped into the appropriate vessel (e.g., barrel or tanker truck) for disposal.	
Publ	ic Services			
27	PEA Section 3.14.4.3	Clarify which roadways (if any) would require full closure or partial lane closure during project construction. Section 3.14.4.3 states that "PG&E will coordinate any road closures with emergency service providers so that response times will not be affected." Provide details on any public roadways that would be fully or partially closed during construction.	Partial lane closure will likely be required for E. Jensen Avenue and McCall Avenue. Only one side of the road will be closed at a time.	

PG8	PG&E Sanger Substation Expansion Project PEA Data Requests			
No.	Reference	Description of data being requested	PG&E Response	
Tran	sportation and Tra	affic		
28	Deficiency Letter Response No. 2, Attachment C	Confirm all footnote formulas for Revised Table 3.16-3 are correct. In Response to Deficiency Letter No. 2 Attachment C, Table 3.16-3 footnote 9 states "Total Equipment-related Delivery/Removal Trips = (No. of Trucks to Deliver Equipment x No. of Work Days)." Total Equipment- related Delivery/Removal Trips values provided in the table do not equal what is calculated using this formula. Confirm if this footnote should be Total Equipment- related Delivery/Removal Trips = Daily Trips x No. of Work Days.	 A column was added to the table that provides the equation used to determine Total Equipment-related Delivery/Removal Trips. The revised table is provided separately as Attachment E. Total Equipment-related Delivery/Removal Trips [row H] = No. of Trucks to Deliver Equipment [row E] x No. of Work Days [row F] x Daily Trips [row G]. For example, Row H for Phase 1 would be calculated as follows: 9 x 1 x 2 = 18. 	
29	Deficiency Letter Response No. 2, Attachment C	Confirm all values for Construction Equipment Trips are correct. According to Table 3.16-3 provided in Attachment C of Response to Deficiency Letter No. 2, Total Equipment- related Delivery/Removal Trips for Phase 5 = 224; however it is not clear how this total was calculated. For example, No. of Trucks to Deliver Equipment (14) x No. of Work Days (1) = 14; or per comment above, Daily Trips (16) x No. of Work Days (1) =16. Confirm if the numbers provided in Table 3.16-3 are correct or if additional footnotes are needed.	The table was revised to include row identifications and equations used to derive row/column totals where applicable. Numbers were reviewed and revised as necessary. Footnotes were also revised, including footnote #6 which describes how the total number of trucks required for Phase 5 was determined. The revised table is provided separately as Attachment E.	

PG&	PG&E Sanger Substation Expansion Project PEA Data Requests			
No.	Reference	Description of data being requested	PG&E Response	
Utili	ties and Service Sy	ystems		
30	PEA Section 3.17.3.4	Provide details regarding PG&E's recycling rate. Explain the following statement included in the PEA, "PG&E maintains an active recycle rate of materials used in its construction and O&M activities." Provide PG&E's active recycle rate and where these materials would go.	PG&E orders bins and places all metals in the bins, which are picked up and recycled by Alco Iron & Metal Company (offices in Vallejo, Stockton, San Jose and San Leandro) or a comparable firm. In 2014, PG&E recycled more than 28 million pounds of scrap iron, aluminum and copper from conductors, meters and miscellaneous material, and more than 1.8 million pounds of recovered meters, 18.7 million pounds of transformers and 310,000 pounds of plastic. PG&E diverted waste from landfills at a rate of 81 percent over five years.	
31	PEA Section 3.17.4.3	Provide details from utility surveys done as part of the feasibility study and routing analysis. The PEA states that PG&E has conducted surveys to identify existing utilities, but the results of those surveys are not included. Include maps and other results of the existing utilities the proposed project would encounter and/or avoid.	This was an erroneous reference in Section 3.17.4.3 of the PEA. No utility surveys were completed.	
32	PEA Section 3.17.4.3	Quantify stormwater and drainage changes. Quantify the increase in impervious area at the substation site. Provide GIS data supporting the impervious area quantification.	This information is still being acquired and will be provided.	

PG&	PG&E Sanger Substation Expansion Project PEA Data Requests					
No.	Reference	Description of data being requested	PG&E Response			
33	PEA page 3.17- 6 and Deficiency Letter Response No. 2	Identify the specific source(s) of water required during project construction and the source(s)/quantity of water required during operation. In Deficiency Response Letter 2, PG&E identified Fowler Packing as potential water purveyor during project construction. Specify the source of the water that would be provided by Fowler Packing if it is considered to be a potential option for the proposed project. In addition, PG&E omitted information about water use during operation and maintenance activities. It is likely that the proposed project would have similar operational water needs even if it does not exceed baseline conditions. Provide quantities and sources of water that would be used during operation and maintenance of the proposed project, including substation landscaping irrigation, cleaning of insulators, and any other activity that would involve water	As stated in the Deficiency Letter 2 response, the existing substation does not require water for operation, and neither will the expanded substation.			
34	PEA Section 3.17.4.3	Use.Provide quantity and supplier of irrigation water for crops currently in the substation expansion area.The agricultural lands in the proposed project area are planted with row crops that require irrigation. Identify the quantity of water that is currently supplied to irrigate crops located in the substation expansion area. Also, clarify if water currently supplied from an onsite groundwater well.	The expanded substation site would require the removal of approximately 7 acres currently in row crops. According to information obtained from the current owner, Sunnyside Farms, eggplant net water use per acre is approximately 2.6 acre feet, with an estimate of approximately 18.2 acre feet per year for 7 acres. The water is currently supplied from an onsite groundwater well.			

PG&	PG&E Sanger Substation Expansion Project PEA Data Requests						
No.	Reference	Description of data being requested	PG&E Response				
35	PEA Section 3.17.4.3	Identify current water use at the substation. Provide information regarding substation landscaping and any associated water needs for current operations of the existing Sanger Substation. Confirm whether the existing substation has landscaping that requires irrigation. If so, provide the quantity of water required for irrigation purposes.	As stated in the response to Deficiency Letter 2, the existing substation does not require water for operation, and neither will the expanded substation.				
36	PEA Section 3.17.4.3	Provide more detail about materials waste recycling. Confirm if materials generated by removal of the existing electrical lines and poles would be sent to a local commercial metal-recycling facility where recyclable or salvageable items, such as conductors, steel, and hardware, would be received, sorted, baled, and sold on the open market.	PG&E currently sends all material to Alco Iron & Metal Company for recycling. All poles are sent to an environmental disposal site.				
37	PEA Section 3.17.4.3	Identify solid waste disposal facility and estimate amount of solid waste generated. The PEA states that PG&E would recycle material whenever practicable, and dispose of unrecyclable material in the appropriate manner; however, no estimates of quantity of waste is given. Provide estimates regarding the amount of waste to be disposed of including categories for recyclable material, non-recyclable material, vegetation, soil, and other construction materials. Also, identify which landfill would be used for solid waste disposal.	PG&E would likely use the Alco Iron & Metal Company for recycling and Waste Management in Fresno for unrecyclable materials. Materials would be transferred to the Waste Management transfer station in 20-yard dumpsters that are hauled by trucks. Estimates of the quantities of solid waste are unknown at this time.				

PG&E Sanger Substation Expansion Project PEA Data Requests						
No.	Reference	Description of data being requested	PG&E Response			
Cumulative Impacts						
38	PEA sections 3.18.3 and 3.18.4, Table 3.18-2	Distinguish which projects listed in the PEA are part of the cumulative impact assessment. Table 3.18-2 contains "Planned and Current Projects in the Vicinity of the Project" and section 3.18-4 contains "Key Projects in the Project Vicinity. Table 3.18-2 and Section 3.18.4 appear to have different projects. State whether all five projects are part of the cumulative impact assessment, and if they are not, state which projects are part of the cumulative impact assessment.	The cumulative projects list was provided to PG&E by Fresno County, and only projects within approximately 2 miles of the Sanger Substation were included (Vita Pakt Citrus Products CUP and City of Sanger Northern Sanger Area Master Plan). Table 3.18-2 should have included the Vita Pakt Citrus Products Conditional Use Permit (CUP). The City of Sanger residential development project should be removed from Table 3.18-2 as well as Section 3.18.4.2 as it is outdated and no longer applicable. The Mohinder Poonia agricultural market project should also be deleted from Table 3.18-2 as it is also outdated and no longer applicable. The discussion of the City of Sanger Northern Sanger Area Master Plan was included to show context for potential cumulative impacts for including the master plan. It was not listed in Table 3.18- 2 as that was specifically for individual projects. There are two typos in Section 3.18.4 of the PEA. The first sentence should be corrected to read: "Of the projects in Table 4-2 Table 3.18-2: Cumulative Projects in the Project Vicinity Planned and Current Projects in the Vicinity of the Project, the following projects may overlap with construction of the Sanger Substation Expansion Project." Please see corrected text from Section 3.18.4.3: "This project will be located at 8899 <u>8898</u> E. Central Avenue in Fresno County. The applicant is applying for a Conditional Use Permit to construct 27,261 <u>27,813</u> square feet of warehousing and processing facilities. The new development would replace 31,261 square feet of existing fruit and vegetable processing facilities, resulting in a net			

PG&E Sanger Substation Expansion Project PEA Data Requests						
No.	Reference	Description of data being requested	PG&E Response			
			reduction of 3,441 3,448 square feet of development at a			
			4.42-acre site (Motta, pers. comm, 2015)."			
39	PEA section	State whether PG&E has any proposed projects in the	PG&E does not have a central source for this information.			
	3.18.3	area.	The team is in the process of obtaining the information and			
			will provide it when available.			
		The PEA does not specify if PG&E has proposed other				
		projects in the area. Provide a list of any projects,				
		including those that do not require a PTC or CPCN, within				
		5 miles of the proposed project.				