

PG&E Sanger Substation Expansion Project PEA Data Requests			
No.	Reference	Description of data being requested	PG&E Response
Utilities and Service Systems			
39	PEA section 3.18.3	<p>State whether PG&E has any proposed projects in the area.</p> <p>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.</p>	<p>The following are the currently-identified PG&E electric and gas transmission and distribution projects planned for construction within 5 miles of Sanger Substation. <i>Project plans, scope, and timing are preliminary and subject to change.</i></p> <p><u>Electric Transmission Projects</u></p> <ol style="list-style-type: none"> 1. Barton-Airways-Sanger 115 kV and Manchester-Airways-Sanger 115 kV. Project involves shortening four existing wood poles and replacing one wood pole to address underbuild infractions. One pole location is about 0.4 mile west of Sanger Substation (shorten 6 feet of the existing 45-foot wood pole). The other four pole locations are approximately 6.5 to 8 miles northwest of Sanger Substation. The work will be completed in May 2016. 2. Sanger-Malaga 115 kV. Project will reframe 3 wood poles to address underbuild infractions. The poles are located approximately 4.4 miles west of Sanger Substation. This work is scheduled for March of 2017. <p><u>Electric Distribution Projects</u></p> <ol style="list-style-type: none"> 3. Sanger 1110. Project will reconductor 600 feet of existing overhead line. The project is located at the intersection of South Bethel Avenue and East Central Avenue south of Sanger city limits (approximately 2.8 miles southeast of Sanger Substation). The work is planned for 2016 4. Rainbow 1106. Project aims to reduce the average time customers are without electric power on a particular circuit by proactively replacing dated equipment before it fails. The scope for Rainbow 1106 is as follows:

			<table border="1"> <thead> <tr> <th data-bbox="1054 245 1549 302">Work</th> <th data-bbox="1549 245 1698 302">Qty</th> </tr> </thead> <tbody> <tr> <td data-bbox="1054 302 1549 354">Install OH Fuses</td> <td data-bbox="1549 302 1698 354">8</td> </tr> <tr> <td data-bbox="1054 354 1549 406">Install SCADA Recloser</td> <td data-bbox="1549 354 1698 406">1</td> </tr> <tr> <td data-bbox="1054 406 1549 457">Install Raptor Framing</td> <td data-bbox="1549 406 1698 457">12</td> </tr> <tr> <td data-bbox="1054 457 1549 509">Install Animal Guards</td> <td data-bbox="1549 457 1698 509">21</td> </tr> <tr> <td data-bbox="1054 509 1549 561">Replace Damaged/Rotten Cross arms</td> <td data-bbox="1549 509 1698 561">5</td> </tr> <tr> <td data-bbox="1054 561 1549 613">Install OH Fault Indicators</td> <td data-bbox="1549 561 1698 613">9</td> </tr> <tr> <td data-bbox="1054 613 1549 665">Replace Pole</td> <td data-bbox="1549 613 1698 665">1</td> </tr> <tr> <td data-bbox="1054 665 1549 717">Replace lightning arrestors</td> <td data-bbox="1549 665 1698 717">2</td> </tr> <tr> <td data-bbox="1054 717 1549 769">SRV sleeves on primary (Connectors)</td> <td data-bbox="1549 717 1698 769">8</td> </tr> <tr> <td data-bbox="1054 769 1549 821">Replace Tap Clamp Connectors</td> <td data-bbox="1549 769 1698 821">14</td> </tr> <tr> <td data-bbox="1054 821 1549 873">Replace PG Connectors</td> <td data-bbox="1549 821 1698 873">7</td> </tr> </tbody> </table> <p data-bbox="1094 954 1955 1149">The work will occur along the entire circuit, which includes the northeast portion of the city of Sanger (approximately 4 miles east of Sanger Substation), the rural area north of the city of Sanger up to Shields Avenue (approximately 6 miles northeast of Sanger Substation), and northeast of the city of Sanger out to Centerville (approximately 6.5 miles northeast of Sanger Substation). Work is planned for 2016.</p>	Work	Qty	Install OH Fuses	8	Install SCADA Recloser	1	Install Raptor Framing	12	Install Animal Guards	21	Replace Damaged/Rotten Cross arms	5	Install OH Fault Indicators	9	Replace Pole	1	Replace lightning arrestors	2	SRV sleeves on primary (Connectors)	8	Replace Tap Clamp Connectors	14	Replace PG Connectors	7
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			<p><u>Gas Transmission Projects</u></p> <p>5. Project RT-727 DFM-1220-01 MP 0.57-0.86. Project will replace approximately 30 feet of pipe that routes into the regulator station. The project is located about 700 feet west of Academy Avenue and about 430 feet north of North Ave in the City of Sanger (approximately 3 miles northeast of Sanger Substation). To be completed before 10/1/2016.</p> <p><u>Gas Distribution Projects</u></p> <p>6. Sanger Avenue and Almond District Regulator Station. Project will replace valves at the regulator station. The project is located between 5th and 7th Avenues and N Street to O Street in the City of Sanger (about 2.8 miles east of Sanger Substation). To be completed before 10/1/2016.</p>
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