

## Alberhill System Project Data Gap Requests 04/17/12

DG#	Resource Area / Topic	Source / PEA Page	Data Gap Question	Request Date	Reply Date	Status	Notes
9.7.1	Air Quality	Section 4.3	<p>a. The CPUC estimates a leak rate of 0.5 percent per year from gas-insulated equipment. Confirm that all gas-insulated equipment to be installed as part of the proposed project would meet or exceed this specification.</p> <p>b. Describe SCE's reporting, monitoring, and reduction practices for SF6 emissions that would be applicable to the proposed project during construction and once operational (assume operational in 2015). Describe SCE's maintenance, repair, and replacement practices and resultant effects on SF6 leakage.</p> <p>c. Confirm that SCE would report SF6 emissions from components of the proposed project as required by California Code of Regulations Title 17, Sections 95350 to 95359 for reducing SF6 emissions from gas insulated switchgear. Assuming that SCE would comply with Sections 95350 to 95359, explain how SF6 emissions specific to components of the proposed project would be accounted for and reported.</p> <p>d. In addition to mandatory reporting requirements, clarify whether SCE would report SF6 emissions from components of the proposed project in voluntary climate change initiatives, such as the Climate Registry.</p> <p>e. As of December 2011, SCE is listed as a member of the U.S. EPA's SF6 Emission Reduction Partnership for Electric Power Systems (EPA 2010 Annual Report on SF6 Emission Reduction Partnership). Confirm that the following partnership agreements would apply to construction, operation, and maintenance of the proposed Alberhill System Project: estimate current annual SF6 emissions; inventory emissions of SF6 annually using an emissions inventory protocol; establish a strategy for replacing older, leakier pieces of equipment; implement SF6 recovery and recycling; ensure that only knowledgeable personnel handle SF6; and submit annual progress reports.</p>	04/17/12		new	
14.6.1	Alternatives	Ch. 2	If the proposed substation were constructed with all gas-insulated switchgear, how many additional pounds of SF6 would be required?	04/17/12		new	
14.8	Alternatives	Ch. 2	<p>a. Discuss the feasibility of installing tubular steel poles (TSPs) instead of lattice steel towers (1) in each tower location along the proposed 500-kV line routes or (2) along the 500-kV line segments that are readily viewable from I-15 (i.e., tower locations 1 through 3 or 4 on both 500-kV routes).</p> <p>b. Estimate the heights and widths for (1) single-circuit 500-kV TSPs and (2) double-circuit 500-kV TSPs if installed</p>	04/17/12		new	Attachment: Tower Numbers

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			along the proposed 500-kV routes. c. Discuss the feasibility of installing H-frame structures or other monopole structure formations of sufficient strength instead of lattice steel towers at tower locations 1 and 2 on both 500-kV routes. Estimate the heights and widths of the H-frame / monopole structures.				