

Southern California Edison
RTRP A.15-04-013

DATA REQUEST SET A1504013 ED-SCE-02

To: CPUC
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Title: Project Engineer
Dated: 03/14/2017

Question PD-09:

Verify that the 90-degree-angle bends shown in Exhibit A (attached) on Pats Ranch Road north of Limonite and on 68th Street at the Goose Creek Golf Course are technically feasible in the tight radius shown and with the proposed vault structure locations as presented.

Provide GIS and PDF maps indicating any further refinements if these bends or vault structure locations do not accurately represent an approximation of the underground alignment.

Response to Question PD-09:

The representation of the 90-degree-angle bends shown in Exhibit A are approximations only. The duct banks planned for this project would incorporate smooth curves with a 40-60 foot radii at turns and bends resulting in turns that are less angular than those seemingly presented by the scale shown in Exhibit A. However, without further engineering analysis incorporating sub-surface utility survey data, the specific locations of the duct banks cannot be determined at this time.

Please note that these estimates are based on planning level assumptions, analyses performed to date, and known conditions. Variables which are unknown, unconfirmed, and/or which have not been studied to date, including certain environmental impacts, field conditions, land use and real property issues (including need for appropriate access and rights-of-way), need for specialized electrical facilities and infrastructure, and the confirmed presence of existing utilities (including existence and depth of underground utilities), could materially affect the estimates provided. These estimates are subject to change following completion of final engineering, identification and/or verification of field conditions, completion of underground surveys, availability of labor, material, and equipment, compliance with applicable environmental and permitting requirements, and other factors.