

*Southern California Edison*  
**San Joaquin Cross Valley Loop Project A.08-05-039**

**DATA REQUEST SET SJXVL CPUC-ED-07**

**To: ENERGY DIVISION**

**Dated: 08/18/2009**

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**Question 01:**

If Alternative 3A were to be constructed around the Stone Corral Ecological Reserve, approximately 1.8 miles of the existing Big Creek-Rector transmission line (including approximately 17 pairs of towers) would be bypassed.

a. Would the bypassed section of the existing Big Creek-Rector transmission line remain in service, such that the transmission line constructed in Alternative 3A would be just the new double circuit loop with a 100-foot ROW, or

b. Would the bypassed section of the existing Big Creek-Rector transmission line be taken out of service, such that the Alternative 3A construction would include a rebuild of the existing line plus the new double circuit loop with a 150-foot ROW?

c. Provide a brief technical justification for whichever approach (a) or (b) would be preferred.

Attachment - Map: Closer view of Stone Corral Ecological Reserve



SJXVL CPUC-ED-07 Map.doc

**Response to Question 01:**

**Statement of SCE understanding of PACE's Proposed Alternative 3A:**

SCE would have to tear down the exiting towers and rebuild two new double circuit TSPs up to structure location 58. North of here, the existing Big Creek towers would remain. Once the new line "skirted around" the Reserve, PACE's proposal was to add 50' of ROW adjacent to the existing Big Creek corridor. (SCE disagrees with the 50' proposal because SCE believes that 100' ROW would be required.) The configuration of the ROW north of the Reserve would have the two existing Big Creek-Rector towers adjacent to the new TSP, so visually there would be two lower old towers (approximately 63' tall), sitting next to the new double circuit TSP (between 120' to 160'). Please recognize that the spacing and span lengths of the new TSP would have no relation to the spacing and span lengths of existing towers.

For an elevation, please see the attached sketch.

*Q1.a Would the bypassed section of the existing Big Creek-Rector transmission line remain in service, such that the transmission line constructed in Alternative 3A be just the new double circuit loop with a 100-foot ROW.*

A1.a Yes, SCE's understanding of PACE's proposal is that the Big Creek Rector lines would

remain in service, but some outages would have to be taken during construction.

*Q.1.b* Would the bypassed section of the existing Big Creek-Rector transmission line be taken out of service, such that the Alternative 3A construction would include a rebuild of the existing line plus the new double circuit loop with a 150-foot ROW?

A. 1.b No, SCE's understanding of PACE's proposal is that PACE does not intend this approach.

*Q 1.c* Provide a brief technical justification for whichever approach (a) or (b) would be preferred.

A. 1.c SCE does not prefer (a) or (b) over SCE's proposed route alternative 3 and there is no technical justification that would require SCE to construct (b) over (a). Although it is not clear, SCE understands that PACE's proposal is consistent with approach (a) outlined above.

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**Question 02:**

If (b) above would be the preferred approach, would the bypassed tower structures be allowed to remain in place or would they be removed, and why?

Referenced item Q 01: If Alternative 3A were to be constructed around the Stone Corral Ecological Reserve, approximately 1.8 miles of the existing Big Creek-Rector transmission line (including approximately 17 pairs of towers) would be bypassed.

(b) Would the bypassed section of the existing Big Creek-Rector transmission line be taken out of service, such that the Alternative 3A construction would include a rebuild of the existing line plus the new double circuit loop with a 150-foot ROW?



Attachment - Map: Closer view of Stone Corral Ecological Reserve

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**Response to Question 02:**

See answer to Question 1.

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**Question 03:**

If the bypassed structures would have to be removed, please describe the construction methods that could be used to minimize ground disturbance in the Reserve (e.g., could the towers be removed by helicopter with only minimal ground vehicle access, could the foundations be left in place, etc.). To the extent possible, listing whatever caveats or assumptions that may be appropriate, please provide the following information regarding removal of the bypassed tower structures:

- a. Chronology and duration of construction-related activities
- b. Ground equipment required
- c. Type of helicopter and duration (flight-hours) of use
- d. Any other special construction requirements or techniques.

Attachment - Map: Closer view of Stone Corral Ecological Reserve

**Response to Question 03:**

There are no "bypassed" towers, hence these questions are not applicable. Please see answer No. 1.



Figure 2. Closer view of Stone Corral Ecological Reserve area outlined in blue, existing line path shown in white, and proposed preliminary Alternative 3A reroute shown in yellow.