

Southern California Edison
2023-WMPs – 2023-WMPs

DATA REQUEST SET SPD - SCE - 2023 - 003

To: SPD
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Response Date: 6/9/2023

Question 06:

What is the estimated multiplier for conversion from overhead line to underground line (e.g., 1.25 Mile OH converts to 1.00 Mile UG)?

- a. How was this conversion rate derived?
- b. How was it established as the accepted/operating average for planning purposes?

Response to Question 06:

What is the estimated multiplier for conversion from overhead line to underground line (e.g., 1.25 Mile OH converts to 1.00 Mile UG)?

The estimated conversion rate (or re-route factor) from overhead to underground line varies according to the difficulty level of construction. For instance, in the spreadsheet titled “SPD-SCE-2023-003 Q2 Cost Estimate.xlsx,” SCE assumes a 10% re-route factor for medium difficulty level and 20% for high difficulty.

- a. How was this conversion rate derived?*

The conversion rate is based on an evaluation of the areas of work. For instance, in looking at the high-level scope for projects submitted for 2024-2026 completion dates, which has a mix of medium to high difficulty level, the ratio of the total miles planned for UG and the total OH miles planned for removal is 1.15. It should be noted that circuit mileage for each project is subject to change throughout the project lifecycle.

- b. How was it established as the accepted/operating average for planning purposes?*

The 1.15 conversion rate is deemed acceptable based on engineering review of scoping TUG projects for each level of difficulty so far. Please see the response to part (a) for additional information.