REVISED VISUAL SIMULATIONS
East County Substation Project

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LIST OF ATTACHMENTS

1.0 INTRODUCTION

On April 30, 2010 San Diego Gas & Electric Company (SDG&E) submitted a document to the California Public Utilities Commission (CPUC) entitled Revised East County Substation Footprint Project Description. The document was prepared to describe SDG&E's proposal to shift the footprint of the East County (ECO) Substation approximately 700 feet east of the location proposed in the Proponent's Environmental Assessment (PEA). This shift is proposed to avoid adverse effects to potentially sensitive cultural resources, which would consequently alter the location and design of the Southwest Powerlink (SWPL) loop-in and 138 kilovolt (kV) transmission line. The Revised East County Substation Footprint Project Description also discusses design changes to the 138 kV transmission line due to new SDG&E design criteria associated with increased phase spacing for high wind and high fire areas in the Proposed Project area.

The proposed ECO Substation shift and the design changes to the 138 kV transmission line have been portrayed in the revised visual simulations for Viewpoints (VP) 7 and 26, respectively, in Attachment A: Revised Visual Simulations. The differences between VP 7 and VP 26 as depicted in the PEA and based on the changes are discussed in this document.

1.1 ECO SUBSTATION SHIFT

1.1.0 Viewpoint 7

As shown in Attachment A: Revised Visual Simulations, VP 7 portrays a visual simulation of the proposed ECO Substation shift approximately 700 feet east. A second simulation with landscaping at eight years of maturity is also presented. Although this landscaping is not based on a site-specific landscaping plan, it conveys a comparable level of treatment to what was proposed in the PEA. No discernable difference between the revised visual simulations for VP 7 and the ones that were included in the PEA can be distinguished.

1.2 138 KV TRANSMISSION LINE REDESIGN

1.2.0 Viewpoint 26

As shown in Attachment A: Revised Visual Simulations, VP 26 portrays a visual simulation of the 138 kV transmission line at Jewel Valley Road looking north up Tule Jim Lane. Steel pole 11 is visible in the foreground. Wood poles 9 and 10 that were in the PEA simulation were eliminated from the Proposed Project design and are no longer present. Due to the design changes, the revised visual simulation also illustrates the pole and transmission line configured for a V-String bundled single-circuit, as opposed to a double-circuit in an I-String configuration that was depicted in the visual simulation for VP 26 in the PEA. While the changes are barely discernable, the overall visual effect is comparable. Therefore, the visual impact would be considered less than significant.

ATTACHMENT A: REVISED VISUAL SIMULATIONS

Existing view from Old Highway 80 looking east toward the East County Substation site (VP 7)

Visual Simulation of Project Alternative

Refer to Figure 4.1-1 for viewpoint location

Source: Environmental Vision

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Attachment A
Visual Simulation - Viewpoint 7
East County Substation Project

Existing view from Old Highway 80 looking east toward the East County Substation site (VP 7)

Visual Simulation of Project Alternative with landscaping at 8 years maturity

Refer to Figure 4.1-1 for viewpoint location

Source: Environmental Vision

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Attachment A
Visual Simulation - Viewpoint 7
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Existing view from Jewel Valley Road looking north (VP 26)

Visual Simulation of Project Alternative

Refer to Figure 4.1-1 for viewpoint location

Source: Environmental Vision

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Attachment A
Visual Simulation - Viewpoint 26
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