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CHAPTER 4 – ENVIRONMENTAL IMPACT ASSESSMENT SUMMARY

4.0 INTRODUCTION

The following sections (4.1 Aesthetics through 4.17 Utilities and Service Systems) evaluate the potential environmental impacts from construction, operation, and maintenance of the San Diego Gas & Electric Company Tie Line 649 Wood-to-Steel Replacement Project (Proposed Project). In accordance with the California Environmental Quality Act, the environmental impacts associated with the Proposed Project components are evaluated for the following resource areas:

- Aesthetics
- Agriculture and Forestry Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation and Traffic
- Utilities and Service Systems

Section 4.1 through Section 4.17 include discussions of the existing conditions as they pertain to each resource area, as well as the Proposed Project's potential impacts to these resources. In addition, at the beginning of each section, a checklist summarizing the level of impact (i.e., No Impact, Less-than-Significant Impact, Less-than-Significant Impact with Mitigation Incorporated, and Potentially Significant Impact) to these resource areas, according to the significance criteria used for analysis, has been included. Section 4.18 Cumulative Analysis discusses past, present, and reasonably foreseeable future projects within the Proposed Project area and the Proposed Project's potential to contribute to a significant cumulative effect.

Technical support and references for the impact assessments are provided in the following technical attachments:

- Attachment 4.1-B: Visual Simulations
- Attachment 4.3-A: Air Quality Modeling Results
- Attachment 4.4-A: Biological Technical Report
- Attachment 4.5-B: Historic Significance Evaluation
- Attachment 4.6-A: Geotechnical Investigation

Chapter 4 - Environmental Impact Assessment

- Attachment 4.8-A: EDR DataMap Corridor Study
- Attachment 4.9-A: Jurisdictional Delineation Report
- Attachment 4.12-A: Construction Noise Calculations