

# El Casco System Project Recirculated Environmental Impact Report

## TABLE OF CONTENTS

	Page
<b>EXECUTIVE SUMMARY .....</b>	ES-1
<b>A. INTRODUCTION/OVERVIEW</b>	
A.1 Legal Authority .....	A-1
A.2 Purpose of Recirculation .....	A-2
A.3 Overview of the Environmental Review Process .....	A-3
A.4 Project Details .....	A-4
A.5 Readers Guide .....	A-5
<b>D. ENVIRONMENTAL ANALYSIS</b>	
D.9 Noise .....	D.9-1
D.9.1 Environmental Setting for the Proposed Project .....	D.9-1
D.9.2 Applicable Regulations, Plans, and Standards .....	D.9-8
D.9.3 Environmental Impacts and Mitigation Measures for the Proposed Project .....	D.9-12
D.9.4 CPUC’s Northerly Route Alternative Option 3 .....	D.9-20
D.9.5 Partial Underground Alternative .....	D.9-25
D.9.6 No Project Alternative .....	D.9-27
D.9.7 Mitigation Monitoring, Compliance, and Reporting Table .....	D.9-27
D.9.8 Cumulative Impact Analysis - Noise .....	D.9-30
D.9.9 References .....	D.9-35
<b>E. COMPARISON OF ALTERNATIVES</b>	
E.1 Comparison Methodology .....	E-1
E.2 Environmentally Superior Alternative .....	E-2
E.3 No Project Alternative vs. the Environmentally Superior Alternative .....	E-9

**LIST OF TABLES**

	<b>Page</b>
ES-1	Significant Unavoidable (Class I) Impacts of the Proposed Project and Alternatives ..... ES-13
ES-2	Proposed Project vs. Route Alternative Option 3 and Partial Underground Alternative ..... ES-15
ES-3	Summary of Impacts and Mitigation for the Proposed Project - Noise..... ES-19
ES-4	Summary of Impacts and Mitigation for the CPUC’s Northerly Route Alternative Option 3 - Noise ..... ES-19
ES-5	Summary of Impacts and Mitigation for the Partial Underground Alternative - Noise ..... ES-20
D.9-1	Examples of Protective Noise Levels Recommended by USEPA ..... D.9-9
D.9-2	Land Use Compatibility for Community Noise Environment ..... D.9-9
D.9-3	Applicant-Proposed Measures to Reduce Noise Impacts..... D.9-13
D.9-4	Typical Noise Levels of Construction Equipment ..... D.9-14
D.9-5	Mitigation Monitoring Program – Noise..... D.9-28
E-1	Summary of Significant Unmitigable (Class I) Impacts ..... E-3
E-2	Proposed Project vs. CPUC’s Northerly Route Alternative Option 3 and Partial Underground Alternative ..... E-7

**LIST OF FIGURES**

ES-1	Electrical Needs Area..... ES-2
ES-2	Regional Overview of El Casco System Project..... ES-5
D.9-1	Typical Range of Common Sounds Heard in the Environment..... D.9-2
D.9-2	Outdoor Day/Night Sound Levels in Different Areas..... D.9-4
D.9-3	Comparison of Audible Corona Noise Levels ..... D.9-20