I-5 Corridor Reinforcement Project

Final Environmental Impact Statement

Appendix G, G1, H, I, K, L, M, N, O

Bonneville Power Administration

Cooperating Agencies:
U.S. Army Corps of Engineers, Oregon Energy Facility Siting Council,
Washington Energy Facility Site Evaluation Council, Cowlitz and Clark Counties, Washington

February 2016

Page intentionally left blank

Table of Contents

Volume 1: Chapters 1-13

Abstract

Notes to Reader

Perforated Icon Sheet

Summary

Chapter 1 Purpose of and Need for Action

Chapter 2 Facility Siting, Route Segments, and Action Alternatives

Chapter 3 Project Components and Construction, Operation, and Maintenance Activities

Chapter 4 Proposed Action and Alternatives

Chapter 5 Land

Chapter 6 Recreation

Chapter 7 Visual Resources

Chapter 8 Electric and Magnetic Fields

Chapter 9 Noise

Chapter 10 Health and Safety

Chapter 11 Socioeconomics

Chapter 12 Transportation

Chapter 13 Cultural Resources

Volume 2: Chapters 14-33

Chapter 14 Geology and Soils

Chapter 15 Water

Chapter 16 Wetlands

Chapter 17 Vegetation

Chapter 18 Wildlife

Chapter 19 Fish

Chapter 20 Climate

Chapter 21 Air Quality

Chapter 22 Greenhouse Gases

Chapter 23 Intentional Destructive Acts

Chapter 24 Short-Term Uses versus Long-Term Productivity

Chapter 25 Irreversible or Irretrievable Commitment of Resources

Chapter 26 Cumulative Impacts

Chapter 27 Consultation, Review, and Permit Requirements

Chapter 28 Consistency with State Substantive Standards

Chapter 29 References

Chapter 30 List of Preparers

Chapter 31 Agencies, Organizations, and Persons Receiving this EIS

Chapter 32 Glossary and Acronyms

Chapter 33 Index

Volume 3A: Comments and Responses (Communications 14093 – 14379)

Volume 3B: Comments and Responses (Communications 14380 – 14600)

Volume 3C: Comments and Responses (Communications 14601 – 14701)

Volume 3D: Comments and Responses (Communications 14702 – 14746)

Volume 3E: Comments and Responses (Communications 14747 – 14798)

Volume 3F: Comments and Responses (Communications 14799 – 14827)

Volume 3G: Comments and Responses (Communications 14828 – 14843)

Volume 3H: Comments and Responses (Communications 14844 – 14919)

Appendices

Appendix A Washington Department of Natural Resources Lands Analysis

Appendix B Right-of-Way Tower Configuration Tables and Figures

Appendix B1 Right-of-Way Tower Configuration Tables and Figures – Central Alternative using Central Option 1 (Preferred Alternative)

Appendix C I-5 Corridor Reinforcement Project Photomap Book

Appendix C1 I-5 Corridor Reinforcement Project Photomap Book – Central Alternative using Central Option 1 (Preferred Alternative)

Appendix D Underground Route Study

Appendix D1 Underground Route Study – Castle Rock, Washougal, and Camas areas

Appendix E Visual Assessment

Appendix F Electrical Effects

Appendix F1 Electrical Effects – Central Alternative using Central Option 1 (Preferred Alternative)

Appendix G Research on Extremely Low Frequency Electric and Magnetic Fields and Health

Appendix G1 EMF Research Updates

Appendix H Environmental Justice Tables

Appendix I Cultural Resource Sensitivity Scores

Appendix J Geologic Assessment – Geologic Hazards, Soil and Slope Gradient, Geology, Shallow Bedrock, Shallow Groundwater

Appendix K Fish Habitat and Fish Population Impacts

Appendix L Wetland Modeling

Appendix M Noxious Weed List

Appendix N NEPA Disclosure Forms

Appendix O Shoreline Management Act and Critical Area Ordinance Consistency

Page intentionally left blank