

Table of Contents

EXECUTIVE SUMMARY ES-1

- ES-1 Purpose of this Environmental Impact Statement ES-1
- ES-2 Proposed Action and Alternatives ES-1
 - ES-2.1 Proposed Action: Horse Heaven Wind Farm Project ES-1
 - ES-2.2 Alternatives to the Proposed Action ES-6
- ES-3 Environmental Impact Analysis ES-6
 - ES-3.1 Approach to Impact Assessment ES-6
 - ES-3.2 Environmental Resources Analyzed ES-7
 - ES-3.2.1 Special Studies ES-7
 - ES-3.3 Impacts from the Proposed Action for Which EFSEC Identified Mitigation and/or Significance ES-8
 - ES-3.4 Cumulative Impacts ES-9
- ES-4 Key Issues Resolved from the Draft EIS ES-11
 - ES-4.1 Additional Analysis Completed ES-11
 - ES-4.1.1 Air Quality for Construction and Decommissioning ES-11
 - ES-4.1.2 Transportation Impact Analysis ES-11
 - ES-4.2 Significant Impacts Worst Case Analysis ES-11
 - ES-4.2.1 Cultural Resources ES-11
 - ES-4.3 Impacts and Mitigation Affecting Multiple Resources ES-12
 - ES-4.3.1 Wildlife, Cultural Resources, Visual Resources ES-12
 - ES-4.3.2 Vegetation, Wildlife and Habitat ES-12
 - ES-4.3.3 Energy and Natural Resources, Public Services and Utilities ES-12
 - ES-4.4 Non-Significant Impacts but Are Issues of Concern That Warrant Discussion ES-13
 - ES-4.4.1 Curtailment and Exclusion of Turbines to Address Impacts on Ferruginous Hawk ES-13
 - ES-4.4.2 Loss of Priority Habitat ES-13
 - ES-4.5 Other Agencies or Interested Parties Cooperation to Implement Mitigation ES-14
 - ES-4.5.1 Adjudication ES-15
 - ES-4.5.2 Post-Adjudication Applicant Commitments ES-15

ES-4.6	Project Areas Not Covered	ES-15
ES-5	Public and Agency Involvement	ES-16
ES-5.1	SEPA Scoping	ES-16
ES-5.2	Participating Agencies	ES-16
ES-5.3	Public Review of the Draft EIS.....	ES-17
ES-6	Next Steps.....	ES-17
ES-7	Further Information about the Project	ES-18
1.0	CHAPTER 1 – PROJECT BACKGROUND	1-1
1.1	Introduction.....	1-1
1.2	Proposed Project.....	1-1
1.2.1	Project Overview	1-1
1.2.2	The Applicant	1-1
1.2.3	Energy Facility Site Evaluation Council Role and Responsibilities.....	1-4
1.3	Purpose and Need of Proposed Action.....	1-5
1.4	State Environmental Policy Act Review Process	1-5
1.4.1	Initiation of Public Engagement	1-5
1.4.1.1	EFSEC Public Information Meeting	1-6
1.4.1.2	EFSEC Land Use Consistency Hearing	1-6
1.4.2	Scoping	1-6
1.4.2.1	State Environmental Policy Act Scoping Notice	1-6
1.4.3	Environmental Impact Statement Comment Period and Public Meetings	1-7
1.4.4	EFSEC Adjudicative Proceedings	1-7
1.4.5	Decisions to Be Made	1-8
1.4.6	Issues to be Resolved.....	1-8
1.5	Federal, State, and Local Permits and Approvals	1-9
1.6	Organization of EIS	1-11
2.0	CHAPTER 2 – PROPOSED ACTION AND ALTERNATIVES	2-1
2.1	Description of the Proposed Action.....	2-2
2.1.1	Proposed Facility Site	2-2

2.1.2	Project Construction, Operation, and Decommissioning Activities.....	2-11
2.1.2.1	Project Construction.....	2-12
2.1.2.2	Project Operation	2-20
2.1.2.3	Project Decommissioning	2-20
2.1.3	Applicant Commitments	2-20
2.1.3.1	Earth Resources	2-21
2.1.3.2	Air.....	2-22
2.1.3.3	Water.....	2-23
2.1.3.4	Habitat, Vegetation, Fish, and Wildlife.....	2-23
2.1.3.5	Energy and Natural Resources.....	2-25
2.1.3.6	Noise and Vibration.....	2-26
2.1.3.7	Public Health and Safety	2-26
2.1.3.8	Land-Use Plans and Zoning Ordinance.....	2-27
2.1.3.9	Visual Aspects, Light and Glare.....	2-28
2.1.3.10	Recreation.....	2-29
2.1.3.11	Historic and Cultural Resources	2-29
2.1.3.12	Transportation.....	2-30
2.1.3.13	Public Services and Utilities.....	2-32
2.1.3.14	Socioeconomic Environment	2-32
2.2	Post-Adjudication Applicant Commitments and Effectiveness	2-33
2.2.1	Reduce East Solar Array	2-33
2.2.2	Shift Turbine Infrastructure	2-33
2.2.3	Remove Specific Wind Turbines.....	2-34
2.2.4	Remove/Add/Modify Transmission Lines and Substation Infrastructure	2-34
2.2.5	Add/Modify Construction Laydown Areas.....	2-34
2.2.6	Add Aircraft Detection Lighting System Infrastructure	2-35
2.2.7	Update Fire Protection Systems Information	2-35
2.2.8	Modification of Battery Energy Storage System(s).....	2-35
2.2.9	Potential Use of Washington State Department of Natural Resources Gould Well	2-35
2.2.10	Unevaluated Project Components	2-36

2.3	Alternatives to the Proposed Action	2-36
2.3.1	Alternatives Considered	2-36
2.3.2	Alternative Carried Forward for Detailed Analysis	2-37
3.0	CHAPTER 3 – AFFECTED ENVIRONMENT	3-1
3.1	Introduction.....	3-1
3.1.1	Use of Applicant-Prepared/Provided Information	3-1
3.2	Earth Resources	3-3
3.2.1	Affected Environment.....	3-4
3.2.1.1	Regional Geology	3-4
3.2.1.2	Site Conditions.....	3-8
3.2.1.3	Geological Hazards.....	3-14
3.3	Air Quality.....	3-27
3.3.1	Affected Environment.....	3-30
3.3.1.1	Regional Climate.....	3-30
3.3.1.2	Existing Air Quality.....	3-35
3.3.1.3	Regional Emissions	3-36
3.4	Water Resources	3-39
3.4.1	Affected Environment.....	3-43
3.4.1.1	Surface Water and Wetlands.....	3-46
3.4.1.2	Runoff/Absorption	3-52
3.4.1.3	Floodplains.....	3-52
3.4.1.4	Groundwater	3-55
3.4.1.5	Public Water Supply.....	3-55
3.5	Vegetation	3-57
3.5.1	Affected Environment.....	3-60
3.5.2	Habitat.....	3-60
3.5.2.1	Habitat Mapping in the Lease Boundary.....	3-60
3.5.2.2	Habitat Mapping in the Vegetation Area of Analysis	3-78
3.5.2.3	Department of Natural Resources Land	3-85
3.5.2.4	Priority Habitat	3-88

3.5.3	Special Status Species	3-91
3.5.4	Noxious Weeds	3-94
3.6	Wildlife and Habitat	3-98
3.6.1	Relevant Data Sources	3-99
3.6.2	Affected Environment.....	3-99
3.6.2.1	Wildlife Habitat	3-99
3.6.2.2	Wildlife	3-104
3.7	Energy and Natural Resources	3-132
3.7.1	Affected Environment.....	3-133
3.7.1.1	Power Generation and Demand	3-133
3.7.1.2	Water Utilities and Demand	3-135
3.7.1.3	Construction Aggregate Resources and Demand	3-136
3.8	Land and Shoreline Use.....	3-138
3.8.1	Affected Environment.....	3-139
3.8.1.1	Land Ownership within Study Area.....	3-140
3.8.1.2	Benton County Comprehensive Plan.....	3-141
3.8.1.3	Benton County Shoreline Management Program	3-145
3.8.1.4	Specific Land Uses within the Study Area	3-145
3.8.2	Land Use Goals and Policies.....	3-154
3.9	Historic and Cultural Resources.....	3-158
3.9.1	Affected Environment.....	3-163
3.9.1.1	Precontact Background.....	3-163
3.9.1.2	Ethnographic Background	3-164
3.9.1.3	Recent Historic Background	3-164
3.9.1.4	Applicant Communications with Tribes and Agencies	3-166
3.9.1.5	Previous Surveys within the Lease Boundary	3-166
3.9.2	Historic and Cultural Resources Identified.....	3-167
3.9.2.1	Archaeological Resources	3-167
3.9.2.1.1	Precontact Period Archaeological Resources	3-167
3.9.2.1.2	Historic-Period Archaeological Resources	3-168

3.9.2.2	Architectural Resources	3-172
3.9.2.3	Traditional Cultural Properties	3-174
3.9.3	Conclusion	3-175
3.10	Visual Aspects, Light and Glare	3-180
3.10.1	Visual Aspects	3-181
3.10.2	Shadow Flicker	3-182
3.10.3	Light and Glare	3-182
3.10.4	Affected Environment.....	3-185
3.10.4.1	Visual Aspects	3-187
3.10.4.2	Light and Glare	3-194
3.11	Noise and Vibration.....	3-196
3.11.1	Affected Environment.....	3-198
3.11.1.1	Ambient Noise Surveys.....	3-201
3.12	Recreation.....	3-208
3.12.1	Affected Environment.....	3-210
3.12.1.1	County and Private Resources	3-216
3.12.1.2	State of Washington and Oregon Resources	3-217
3.12.1.3	Federal Resources.....	3-221
3.13	Public Health and Safety	3-231
3.13.1	Affected Environment.....	3-231
3.13.1.1	Public Services	3-232
3.13.1.2	Health Services.....	3-234
3.14	Transportation	3-237
3.14.1	Affected Environment.....	3-237
3.14.1.1	Local Infrastructure	3-243
3.14.1.2	Waterborne, Rail, and Air Traffic	3-247
3.14.1.3	Parking.....	3-252
3.14.1.4	Movement/Circulation of People or Goods	3-253
3.14.1.5	Traffic Hazards.....	3-253
3.15	Public Services and Utilities.....	3-257

3.15.1	Affected Environment.....	3-258
3.16	Socioeconomics	3-263
3.16.1	Affected Environment.....	3-265
3.16.1.1	Population and Growth Rate.....	3-265
3.16.1.2	People of Color Populations	3-268
3.16.1.3	Low-income Population.....	3-276
3.16.1.4	Economic Conditions	3-281
3.16.1.5	Fiscal Conditions.....	3-281
3.16.1.6	Taxation	3-282
3.16.1.7	Workforce and Economics	3-283
3.16.1.8	Housing.....	3-285
3.16.1.9	Schools	3-288
4.0	CHAPTER 4 – ANALYSIS OF POTENTIAL IMPACTS AND MITIGATION.....	4-1
4.1	Introduction.....	4-1
4.1.1	Impacts.....	4-1
4.1.2	Mitigation.....	4-3
4.2	Earth Resources	4-5
4.2.1	Method of Analysis.....	4-6
4.2.1.1	Regulatory Requirements and Applicable Codes and Standards	4-8
4.2.1.2	Preliminary Geotechnical Study.....	4-9
4.2.1.3	Project Comparison to Existing County Natural Hazard Mitigation Planning Goals and Objectives	4-9
4.2.2	Impacts of Proposed Action	4-10
4.2.2.1	Impacts on Earth Resources during Construction	4-10
4.2.2.2	Impacts on Earth Resources during Operations.....	4-13
4.2.2.3	Impacts on Earth Resources during Decommissioning.....	4-14
4.2.2.4	Impacts from Geological Hazards on Construction	4-14
4.2.2.5	Impacts from Geohazards on Operations.....	4-16
4.2.2.6	Impacts from Geohazards on Decommissioning.....	4-18
4.2.2.7	Recommended Mitigation Measures	4-19
4.2.2.8	Post-Adjudication Applicant Commitments.....	4-21

4.2.2.9	Significant Unavoidable Adverse Impacts	4-22
4.2.3	Impacts of No Action Alternative.....	4-29
4.3	Air Quality.....	4-31
4.3.1	Method of Analysis.....	4-33
4.3.1.1	Applicant Commitments	4-34
4.3.1.2	Example Phased Approach	4-35
4.3.2	Impacts of Proposed Action	4-42
4.3.2.1	Impacts during Construction	4-42
4.3.2.2	Impacts during Operation	4-49
4.3.2.3	Impacts during Decommissioning.....	4-50
4.3.2.4	Greenhouse Gas Emissions and Impact	4-51
4.3.2.5	Recommended Mitigation Measures	4-51
4.3.2.6	Post-Adjudication Applicant Commitments.....	4-52
4.3.2.7	Significant Unavoidable Adverse Impacts	4-53
4.3.3	Impacts of No Action Alternative.....	4-58
4.4	Water Resources	4-60
4.4.1	Method of Analysis.....	4-62
4.4.2	Impacts of Proposed Action	4-67
4.4.2.1	Impacts during Construction	4-68
4.4.2.2	Impacts during Operation	4-80
4.4.2.3	Impacts during Decommissioning.....	4-85
4.4.2.4	Recommended Mitigation Measures	4-91
4.4.2.5	Post-Adjudication Applicant Commitments.....	4-93
4.4.2.6	Significant Unavoidable Adverse Impacts	4-95
4.4.3	Impacts of No Action Alternative.....	4-101
4.5	Vegetation	4-103
4.5.1	Method of Analysis.....	4-106
4.5.2	Impacts of the Proposed Action.....	4-111
4.5.2.1	Impacts during Construction	4-113
4.5.2.2	Impacts during Operation	4-131

4.5.2.3	Impacts during Decommissioning	4-137
4.5.2.4	Recommended Mitigation Measures	4-143
4.5.2.5	Post-Adjudication Applicant Commitments	4-148
4.5.2.6	Significant Unavoidable Adverse Impacts	4-151
4.5.3	Impacts of No Action Alternative	4-162
4.6	Wildlife and Habitat	4-164
4.6.1	Method of Analysis	4-164
4.6.2	Impacts of Proposed Action	4-172
4.6.2.1	Impacts during Construction	4-173
4.6.2.2	Impacts during Operation	4-181
4.6.2.3	Impacts during Decommissioning	4-193
4.6.2.4	Special Status Species	4-196
4.6.2.5	Recommended Mitigation Measures	4-217
4.6.2.6	Post-Adjudication Applicant Commitments	4-233
4.6.2.7	Significant Unavoidable Adverse Impacts	4-234
4.6.3	Impacts of No Action Alternative	4-272
4.7	Energy and Natural Resources	4-274
4.7.1	Method of Analysis	4-275
4.7.1.1	Construction Stage Requirements – Resources and Materials	4-275
4.7.1.2	Operations Requirements – Resources and Materials	4-277
4.7.2	Impacts of Proposed Action	4-278
4.7.2.1	Impacts during Construction	4-278
4.7.2.2	Impacts during Operation	4-280
4.7.2.3	Impacts during Decommissioning	4-282
4.7.2.4	Recommended Mitigation Measures	4-283
4.7.2.5	Post-Adjudication Applicant Commitments	4-284
4.7.2.6	Significant Unavoidable Adverse Impacts	4-286
4.7.3	Impacts of No Action Alternative	4-291
4.8	Land and Shoreline Use	4-293
4.8.1	Method of Analysis	4-294

4.8.2	Impacts of Proposed Action	4-296
4.8.2.1	Impacts during Construction	4-298
4.8.2.2	Impacts during Operation	4-302
4.8.2.3	Impacts during Decommissioning	4-305
4.8.2.4	Recommended Mitigation Measures	4-309
4.8.2.5	Post-Adjudication Applicant Commitments	4-310
4.8.2.6	Significant Unavoidable Adverse Impacts	4-311
4.8.3	Impacts of No Action Alternative	4-316
4.9	Historic and Cultural Resources	4-318
4.9.1	Method of Analysis	4-318
4.9.2	Impacts of Proposed Action	4-324
4.9.2.1	Impacts during Construction	4-324
4.9.2.2	Impacts during Operation	4-341
4.9.2.3	Impacts during Decommissioning	4-344
4.9.2.4	Recommended Mitigation Measures	4-347
4.9.2.5	Post-Adjudication Applicant Commitments	4-351
4.9.2.6	Significant Unavoidable Adverse Impacts	4-352
4.9.3	Impacts of No Action Alternative	4-358
4.10	Visual Aspects, Light and Glare	4-360
4.10.1	Method of Analysis	4-361
4.10.1.1	Visual Aspects Methodology	4-361
4.10.1.2	Shadow Flicker Methodology	4-368
4.10.1.3	Light Methodology	4-369
4.10.1.4	Glare Methodology	4-370
4.10.1.5	Applicant Commitments	4-371
4.10.1.6	Application of Impact Assessment to Project Components	4-373
4.10.2	Impacts of Proposed Action	4-374
4.10.2.1	Impacts during Construction	4-374
4.10.2.2	Impacts during Operation	4-378
4.10.2.3	Impacts during Decommissioning	4-426

4.10.2.4	Recommended Mitigation Measures	4-429
4.10.2.5	Post-Adjudication Applicant Commitments	4-431
4.10.2.6	Significant Unavoidable Adverse Impacts	4-433
4.10.3	Impacts of No Action Alternative	4-439
4.11	Noise and Vibration	4-441
4.11.1	Method of Analysis	4-443
4.11.2	Impacts of Proposed Action	4-453
4.11.2.1	Impacts during Construction	4-453
4.11.2.2	Impacts during Operation	4-456
4.11.2.3	Impacts during Decommissioning	4-461
4.11.2.4	Recommended Mitigation Measures	4-462
4.11.2.5	Post-Adjudication Applicant Commitments	4-463
4.11.2.6	Significant Unavoidable Adverse Impacts	4-465
4.11.3	Impacts of No Action Alternative	4-470
4.12	Recreation	4-472
4.12.1	Method of Analysis	4-473
4.12.2	Impacts of Proposed Action	4-474
4.12.2.1	Impacts during Construction	4-475
4.12.2.2	Impacts during Operation	4-479
4.12.2.3	Impacts during Decommissioning	4-483
4.12.2.4	Summary of Impacts on Recreation Resources	4-487
4.12.2.5	Recommended Mitigation Measures	4-489
4.12.2.6	Post-Adjudication Applicant Commitments	4-490
4.12.2.7	Significant Unavoidable Adverse Impacts	4-491
4.12.3	Impacts of No Action Alternative	4-499
4.13	Public Health and Safety	4-501
4.13.1	Method of Analysis	4-501
4.13.2	Impacts of the Project	4-504
4.13.2.1	Impacts during Construction	4-504
4.13.2.2	Impacts during Operation	4-508

4.13.2.3	Impacts during Decommissioning	4-510
4.13.2.4	Recommended Mitigation Measures	4-511
4.13.2.5	Post-Adjudication Applicant Commitments	4-512
4.13.2.6	Significant Unavoidable Adverse Impacts	4-513
4.13.3	Impacts of No Action Alternative	4-518
4.14	Transportation	4-520
4.14.1	Method of Analysis	4-520
4.14.2	Impacts of Proposed Action	4-524
4.14.2.1	Impacts during Construction	4-529
4.14.2.2	Impacts during Operation	4-533
4.14.2.3	Impacts during Decommissioning	4-534
4.14.2.4	Recommended Mitigation Measures	4-535
4.14.2.5	Post-Adjudication Applicant Commitments	4-537
4.14.2.6	Significant Unavoidable Adverse Impacts	4-538
4.14.3	Impacts of No Action Alternative	4-542
4.15	Public Services and Utilities	4-544
4.15.1	Method of Analysis	4-545
4.15.2	Impacts of Proposed Action	4-548
4.15.2.1	Impacts during Construction	4-552
4.15.2.2	Impacts during Operation	4-554
4.15.2.3	Impacts during Decommissioning	4-555
4.15.2.4	Recommended Mitigation Measures	4-558
4.15.2.5	Post-Adjudication Applicant Commitments	4-558
4.15.2.6	Significant Unavoidable Adverse Impacts	4-560
4.15.3	Impacts of No Action Alternative	4-565
4.16	Socioeconomics	4-567
4.16.1	Method of Analysis	4-569
4.16.2	Impacts of Proposed Action	4-572
4.16.2.1	Impacts during Construction	4-574
4.16.2.2	Impacts during Operation	4-580

4.16.2.3	Impacts during Decommissioning	4-584
4.16.2.4	Recommended Mitigation Measures	4-585
4.16.2.5	Post-Adjudication Applicant Commitments	4-585
4.16.2.6	Significant Unavoidable Adverse Impacts	4-586
4.16.3	Impacts of No Action Alternative	4-592
5.0	CHAPTER 5 – CUMULATIVE IMPACTS	5-1
5.1	Project Characteristics	5-1
5.2	Analysis of Cumulative Impacts	5-1
5.2.1	Methods	5-2
5.2.1.1	Step 1: Initial Scoping	5-2
5.2.1.2	Step 2: Preliminary Cumulative Impacts Analysis	5-4
5.2.1.3	Step 3: Cumulative Impacts Analysis	5-5
5.2.2	Identification of Meaningful Contributions to Cumulative Impacts and Determination of Significance from the Proposed Action	5-13
5.2.2.1	Summary of Combined Determination of Significance	5-18
6.0	CHAPTER 6 – REFERENCES	6-1
6.1	Executive Summary	6-1
6.2	Chapter 1 – Project Background and Purpose and Need	6-1
6.3	Chapter 2 – Proposed Action and Alternatives	6-1
6.4	Chapter 3 – Affected Environment	6-3
	Section 3.2 – Earth Resources	6-3
	Section 3.3 – Air Quality	6-5
	Section 3.4 – Water Resources	6-6
	Section 3.5 – Vegetation	6-8
	Section 3.6 – Wildlife and Habitat	6-9
	Section 3.7 – Energy and Natural Resources	6-13
	Section 3.8 – Land and Shoreline Use	6-15
	Section 3.9 – Historic and Cultural Resources	6-16
	Section 3.10 – Visual Aspects, Light and Glare	6-19
	Section 3.11 – Noise and Vibration	6-21

Section 3.12 – Recreation	6-21
Section 3.13 – Public Health and Safety	6-23
Section 3.14 – Transportation	6-23
Section 3.15 – Public Services and Utilities	6-24
Section 3.16 – Socioeconomics	6-25
6.5 Chapter 4 – Impacts and Mitigation Measures	6-28
Section 4.2 – Earth Resources.....	6-28
Section 4.3 – Air Quality	6-29
Section 4.4 – Water Resources.....	6-30
Section 4.5 – Vegetation	6-32
Section 4.6 – Wildlife and Habitat	6-34
Section 4.7 – Energy and Natural Resources	6-43
Section 4.8 – Land and Shoreline Use.....	6-44
Section 4.9 – Historic and Cultural Resources.....	6-44
Section 4.10 – Visual Aspects, Light and Glare	6-46
Section 4.11 – Noise and Vibration	6-48
Section 4.12 – Recreation	6-49
Section 4.13 – Public Health and Safety	6-50
Section 4.14 – Transportation	6-50
Section 4.15 – Public Services and Utilities	6-51
Section 4.16 – Socioeconomics	6-51
6.6 Chapter 5 – Cumulative Impacts.....	6-52
7.0 CHAPTER 7 – LIST OF PREPARERS.....	7-1
7.1 Washington State Energy Facility Site Evaluation Council.....	7-1
7.2 State Agencies	7-2
7.3 Tribes or Tribal Groups	7-3
7.4 WSP	7-3
7.5 SWCA Environmental Consultants	7-7

7.6	Tetra Tech	7-7
7.7	Authors of Supporting Technical Reports	7-7
8.0	CHAPTER 8 – GLOSSARY	8-1
9.0	CHAPTER 9 – DISTRIBUTION	9-1
9.1	Federal Agencies	9-1
9.2	Tribal Governments.....	9-1
9.3	State Agencies	9-2
9.4	Regional Government	9-2
9.5	Local Government.....	9-2
9.6	Libraries and Education Institutions	9-2
9.7	Fire Departments/Districts.....	9-3
9.8	Other Parties	9-3
10.0	CHAPTER 10 – COMMENTS AND RESPONSES ON THE DRAFT EIS	10-1
10.1	Introduction.....	10-1
10.2	Public Participation.....	10-1
10.3	Comments Received.....	10-1
10.4	The Comment Response Process	10-1
10.5	Summary Responses to Comments Received on the Draft EIS	10-2
10.5.1	Summary Response 1: Project Background and the Need for the Project	10-2
10.5.1.1	Comments.....	10-2
10.5.1.2	Response	10-3
10.5.2	Summary Response 2: Proposed Action and Alternatives.....	10-3
10.5.2.1	Comments.....	10-3
10.5.2.2	Response	10-3
10.5.3	Summary Response 3: Project and Process Opposition.....	10-4
10.5.3.1	Response	10-4
10.5.4	Summary Response 4: Earth Resources	10-5
10.5.4.1	Comments.....	10-5
10.5.4.2	Response	10-5

10.5.5	Summary Response 5: Air Quality	10-5
10.5.5.1	Comments.....	10-5
10.5.5.2	Response.....	10-5
10.5.6	Summary Response 6: Water Resources	10-6
10.5.6.1	Comments.....	10-6
10.5.6.2	Response.....	10-7
10.5.7	Summary Response 7: Vegetation	10-7
10.5.7.1	Comments.....	10-7
10.5.7.2	Response.....	10-8
10.5.8	Summary Response 8: Wildlife and Habitat	10-8
10.5.8.1	Comments.....	10-8
10.5.8.2	Response.....	10-9
10.5.9	Summary Response 9: Energy and Natural Resources	10-11
10.5.9.1	Comments.....	10-11
10.5.9.2	Response.....	10-11
10.5.10	Summary Response 10: Land and Shoreline Use	10-11
10.5.10.1	Comments.....	10-11
10.5.10.2	Response.....	10-12
10.5.11	Summary Response 11: Historic and Cultural Resources	10-12
10.5.11.1	Comments.....	10-12
10.5.11.2	Response.....	10-13
10.5.12	Summary Response 12: Visual Aspects, Light and Glare.....	10-13
10.5.12.1	Comments.....	10-13
10.5.12.2	Response.....	10-15
10.5.13	Summary Response 13: Noise and Vibration.....	10-16
10.5.13.1	Comments.....	10-16
10.5.13.2	Response.....	10-17
10.5.14	Summary Response 14: Recreation	10-17
10.5.14.1	Comments.....	10-17
10.5.14.2	Response.....	10-18

10.5.15 Summary Response 15: Public Health and Safety 10-18

10.5.15.1 Comments 10-18

10.5.15.2 Response 10-18

10.5.16 Summary Response 16: Transportation 10-19

10.5.16.1 Comments 10-19

10.5.16.2 Response 10-20

10.5.17 Summary Response 17: Public Services and Utilities 10-20

10.5.17.1 Comments 10-20

10.5.17.2 Response 10-21

10.5.18 Summary Response 18: Socioeconomics 10-21

10.5.18.1 Comments 10-21

10.5.18.2 Response 10-21

10.5.19 Summary Response 19: Cumulative Effects 10-22

10.5.19.1 Comments 10-22

10.5.19.1 Response 10-23

TABLES

Table ES-1: Proposed Action - Wind Turbines ES-2

Table ES-2: Proposed Action - Solar Siting and Supporting Infrastructure for Wind and Solar Facilities ES-2

Table ES-5: Summary of Significance Determinations and Cumulative Impact ES-10

Table ES-6: Recommended Mitigation Measures for Special Status Species ES-33

Table ES-7: Summary of Milestones ES-39

Table ES-8: Summary of Recommendations for Archaeological and Architectural Resources Potentially Impacted by the Project ES-43

Table ES-3a: Summary of Potential Impacts of Comprehensive Project during Construction of the Proposed Action ES-55

Table ES-3b: Summary of Potential Impacts of Comprehensive Project during Operation of the Proposed Action ES-74

Table ES-3c: Summary of Potential Impacts of Comprehensive Project during Decommissioning of the Proposed Action ES-89

Table ES-4a: Summary of Potential Impacts by Component during Construction of the Proposed Action... ES-106

Table ES-4b: Summary of Potential Impacts by Component during Operation of the Proposed Action ES-136

Table ES-4c: Summary of Potential Impacts by Component during Decommissioning of the Proposed Action	ES-167
Table 1-1: State (or Federally Delegated) and Local Permits and Approvals	1-7
Table 1-2: Draft EIS Organizational Structure	1-9
Table 2-1: Proposed Action - Wind Turbines	2-5
Table 2-2: Proposed Action - Solar Siting and Supporting Infrastructure for Wind and Solar Facilities	2-10
Table 2-3: Temporary and Permanent Disturbance for Turbine Option 1 and Solar Siting Areas.....	2-11
Table 2-4: Construction Equipment	2-13
Table 2-5: Substation Descriptions.....	2-16
Table 2-6: Example of Project Phasing	2-19
Table 3.3-1: Background Air Quality Data from Monitoring Stations near the Lease Boundary	3-35
Table 3.3-2: Representative Background Air Quality Data (2014–2017) Used for Dispersion Modeling Study Per Ecology Guidance	3-36
Table 3.3-3: 2017 Emissions Inventory for Benton County, tons per year.....	3-37
Table 3.4 1: Laws and Regulations for Water Resources	3-39
Table 3.4-2: Interaction of Streams with the Proposed Project	3-48
Table 3.5 1: Laws and Regulations for Vegetation Resources	3-58
Table 3.5-2: Habitat Types and Subtypes within the Lease Boundary and Project Component Areas	3-63
Table 3.5-3: Habitat Types and Subtypes in Each of the Solar Siting Areas	3-64
Table 3.5-4: Proportion of Habitat Types in the Vegetation Assessment Area from the National Land Cover Database and the Applicant’s Habitat Mapping	3-83
Table 3.5-5: WDFW Priority Habitat Description for Reference Ecosystems and Corresponding Habitat Types in the Lease Boundary	3-89
Table 3.5-6: Special Status Plant Species Documented in the Vegetation Assessment Area	3-93
Table 3.5-7: Noxious Weeds Observed during Field Surveys Conducted in 2020 and 2021 in the Wind Energy Micrositing Corridor and Solar Siting Areas.....	3-94
Table 3.5-8: Non-native Plants Observed during Field surveys in 2020 and 2021 in the Wind Energy Micrositing Corridor and Solar Siting Areas	3-95
Table 3.6-2: Lease Boundary Habitat Composition.....	3-100
Table 3.6-3: Raptor Stick Nest Survey Results	3-106
Table 3.6-4: Summary of Special Status Species with Potential to Occur in the Project Lease Boundary	3-113
Table 3.6-5: Bald Eagle Nests Recorded within 10 Miles of the Lease Boundary	3-120
Table 3.7-1: Pacific Northwest Forecast Range of Electricity Use in Average Megawatts by Sector.....	3-135
Table 3.8-1: Land Use Types and/or Designation and Distribution in Benton County	3-139
Table 3.8-2: Lease Boundary Land Use Designations and Corresponding Zoning Ordinance	3-146

Table 3.8-3: GMA Agriculture Type and Designated Acreage in Benton County	3-148
Table 3.8-4: Applicable Benton County Comprehensive Plan Policies and Goals	3-154
Table 3.9-1: Previously Identified Resources within the Project Lease Boundary	3-166
Table 3.9-2: Archaeological and Architectural Resources in the Area of Analysis	3-175
Table 3.10-1: Environmental Lighting Zone Classifications for Sky Glow	3-183
Table 3.10-2: Key Observation Point Locations	3-189
Table 3.11-1: Washington State Environmental Noise Limits	3-198
Table 3.11-2: Ln Environmental Noise Limits for Class C Sources	3-198
Table 3.11-3: Monitoring Locations Included in the Baseline Noise Study	3-204
Table 3.11-4: Baseline Sound Survey Results, Leq (Average dBA)	3-205
Table 3.12-1: Laws and Regulations for Recreation	3-208
Table 3.12-2: County and Regional Resources and Activities within the Recreation Study Area	3-216
Table 3.12-3: State Resources and Activities within the Recreation Study Area.....	3-218
Table 3.12-4: Federal Resources and Activities Publicly Accessible within the Study Area.....	3-221
Table 3.12-5: Ice Age Floods National Geologic Trail Resources within the Recreation Study Area.....	3-229
Table 3.14-1: Definition of Level of Service Ratings for Roadways	3-243
Table 3.14-2: Utilized Highway and County Roads.....	3-245
Table 3.14-3: Definition of Level of Service Grades for Rail	3-251
Table 3.14-4: Rail Level of Service Estimation for Base and Forecast Year Scenarios	3-252
Table 3.15-1: Benton County Solid Waste Projections	3-260
Table 3.16-1: Population (Postcensal Estimates) and Growth Management Act Mid-Level Growth Rate Projections.....	3-266
Table 3.16-2: Breakdown by Race and Ethnicity by City and County (2020 Decennial Census) for the Project Study Area	3-269
Table 3.16-3: Race and Ethnicity of Census Block Groups Intersecting the Project Lease Boundary	3-272
Table 3.16-4: Household Income Level within the Project Study Area	3-276
Table 3.16-5: Low-income Status Within the Project Study Area	3-277
Table 3.16-6: Low-income status of Census Block Groups Intersecting the Project Lease Boundary	3-278
Table 3.16-7: Employment by Economic Sector	3-283
Table 3.16-8: Housing Characteristics for the Study Area	3-285
Table 3.16-9: Number of Housing Units in the Study Area	3-286
Table 3.16-10: Rental Market Conditions for Study Area Counties	3-287
Table 3.16-11: School Districts within the Project Vicinity.....	3-288

Table 3.16-12: School Districts within the Project Vicinity.....3-291

Table 4.1 1: Impact Ratings Considered in the Analysis of Potential Impacts4-2

Table 4.2-1: Impact Rating Table for Earth Resources from Section 4.14-5

Table 4.2-2: Criteria for Assessing Magnitude of Impacts on Earth Resources.....4-6

Table 4.2-3: Project Comparison with the Local Hazardous Area Program’s Mitigation Goals and Objectives .4-10

Table 4.2-4a: Summary of Potential Impacts on Earth Resources during Construction of the Proposed Action4-23

Table 4.2 4b: Summary of Potential Impacts on Earth Resources during Operation of the Proposed Action4-25

Table 4.2-4c: Summary of Potential Impacts on Earth Resources during Decommissioning of the Proposed Action4-27

Table 4.3-1: Impact Rating Table for Air Quality from Section 4.14-31

Table 4.3-2: Criteria for Assessing Magnitude of Impacts on Air Resources.....4-32

Table 4.3-3: Summary of Air Quality Emissions, tons per year4-39

Table 4.3-4: Comparison of Project Construction Emissions to Countywide Emissions by Phase4-42

Table 4.3-5: National Ambient Air Quality Standards.....4-43

Table 4.3-6: Maximum AERMOD-Predicted Concentrations and NAAQS Compliance Assessment4-47

Table 4.3-7: Comparison of Project Operations and Maintenance Emissions and Countywide Emissions4-50

Table 4.3-8a: Summary of Potential Impacts on Air Resources during Construction of the Proposed Action ...4-55

Table 4.3-8b: Summary of Potential Impacts on Air Resources during Operation of the Proposed Action.....4-56

Table 4.3-8c: Summary of Potential Impacts on Air Resources during Decommissioning of the Proposed Action4-57

Table 4.4-1: Impact Rating Table for Water Resources from Section 4.14-60

Table 4.4-2: Criteria for Assessing Magnitude of Impacts on Water Resources.....4-61

Table 4.4-3: Distance of Construction Laydown Areas to Nearest Stream.....4-95

Table 4.4-4a: Summary of Potential Impacts on Water Resources during Construction of the Proposed Action4-96

Table 4.4-4b: Summary of Potential Impacts on Water Resources during Operation of the Proposed Action...4-98

Table 4.4-4c: Summary of Potential Impacts on Water Resources during Decommissioning of the Proposed Action4-99

Table 4.5 1: Impact Rating Table for Vegetation from Section 4.14-103

Table 4.5 2: Criteria for Assessing Magnitude of Impacts on Vegetation Resources4-105

Table 4.5-3: Habitat Offset Ratios Presented by the Applicant for Project Disturbance4-110

Table 4.5 4: Acres of Assessment and Disturbance for Project Components4-111

Table 4.5 5: Total Acres of Habitat Types and Subtypes Identified by the Applicant for Temporary and Permanent Disturbance in the Wind Energy Micrositing Corridor, Solar Siting Areas, and Comprehensive Project in Comparison to Total Habitat Available in the Lease Boundary	4-115
Table 4.5 6: Habitat Types and Subtypes in the Solar Siting Areas	4-117
Table 4.5 7: Percent Impact of Other Habitat Types by Project Component for Temporary and Permanent Disturbance	4-118
Table 4.5 8: Loss of Extent of Priority Habitat - Micrositing Corridor	4-121
Table 4.5-9: Temporary and Permanent Disturbance Acres by Substation.....	4-129
Table 4.5 10: Areas of Temporary Disturbance Required for Project Decommissioning.....	4-137
Table 4.5 11: Comparison of Habitat Types and Subtypes in the Updated and Original East Solar Array Fence	4-150
Table 4.5-12a: Summary of Potential Impacts on Vegetation during Construction of the Proposed Action	4-153
Table 4.5-12b: Summary of Potential Impacts on Vegetation during Operation of the Proposed Action	4-158
Table 4.5-12c: Summary of Potential Impacts on Vegetation during Decommissioning of the Proposed Action	4-159
Table 4.6 1: Impact Rating Table for Wildlife and Habitat from Section 4.1.....	4-164
Table 4.6 2: Criteria for Assessing Magnitude of Impacts on Wildlife and Habitat	4-171
Table 4.6-3: Predicted Habitat Loss for the Solar Facilities	4-175
Table 4.6-4: Total Acres of Habitat Types and Subtypes Identified by the Applicant for Temporary and Permanent Disturbance in the Wind Energy Micrositing Corridor, Solar Siting Areas, and Comprehensive Project in Comparison to Total Habitat Available in the Lease Boundary	4-178
Table 4.6-5: Summary of Estimated Indirect Habitat Loss in the Lease Boundary.....	4-188
Table 4.6-6: Potential Loss of Sagebrush Lizard and Striped Whipsnake Habitat	4-197
Table 4.6-7: Potential Direct Loss of Ferruginous Hawk Habitat	4-201
Table 4.6-8: Potential Indirect Loss of Ferruginous Hawk Habitat	4-202
Table 4.6-9: Recommended Mitigation Measures for Special Status Species	4-226
Table 4.6-10: Summary of Milestones.....	4-232
Table 4.6-11a: Summary of Potential Impacts on Wildlife and Habitat during Construction of the Proposed Project	4-235
Table 4.6-11b: Summary of Potential Impacts on Wildlife and Habitat during Operation of the Proposed Project	4-247
Table 4.6-11c: Summary of Potential Impacts on Wildlife and Habitat during Decommissioning of the Proposed Project.....	4-265
Table 4.7 1: Impact Rating Table for Energy and Natural Resources from Section 4.1	4-274
Table 4.7 2: Criteria for Assessing Magnitude of Impacts on Energy and Natural Resources	4-275
Table 4.7-3: Materials and Resources Required for Project Construction	4-276

Table 4.7-4: Operational Requirements for Non-renewable and Renewable Resources	4-277
Table 4.7-5a: Summary of Potential Impacts on Energy and Natural Resources during Construction of the Proposed Action	4-288
Table 4.7-5b: Summary of Potential Impacts on Energy and Natural Resources during Operation of the Proposed Action	4-289
Table 4.7-5c: Summary of Potential Impacts on Energy and Natural Resources during Decommissioning of the Proposed Action	4-290
Table 4.8-1: Impact Rating Table for Land and Shoreline Use from Section 4.1	4-293
Table 4.8 2: Criteria for Assessing Magnitude of Impacts on Growth Management Act Agricultural Designated Lands	4-294
Table 4.8-3: Summary of Wheat Yields and Value in Washington State	4-295
Table 4.8-4: Impacts on Agricultural Lands within the Lease Boundary	4-297
Table 4.8-5: Analysis of Project Impacts on Benton County GMA Agricultural Designated Lands.....	4-297
Table 4.8-6a: Summary of Potential Impacts on Land and Shoreline Use during Construction of the Proposed Action	4-313
Table 4.8-6b: Summary of Potential Impacts on Land and Shoreline Use during Operation of the Proposed Action	4-314
Table 4.8-6c: Summary of Potential Impacts on Land and Shoreline Use during Decommissioning of the Proposed Action	4-315
Table 4.9-1: Impact Rating Scale from Section 4.1	4-322
Table 4.9 2: Criteria for Assessing Magnitude of Impacts on Cultural and Historic Resources	4-323
Table 4.9-3: Potential Impacts from Turbine Construction	4-328
Table 4.9-4: Potential Impacts from Solar Array Construction	4-333
Table 4.9-5: Potential Impacts from Substation and BESS Construction	4-337
Table 4.9-6: Potential Impacts from Comprehensive Project – Construction	4-340
Table 4.9-7: Potential Impacts from Comprehensive Project – Operation	4-343
Table 4.9-8: Potential Impacts from Comprehensive Project – Decommissioning	4-346
Table 4.9-9: Summary of Recommendations for Historic and Cultural Resources Potentially Impacted by the Project	4-348
Table 4.9-10a: Summary of Potential Impacts on Historic and Cultural Resources during Construction of the Proposed Action	4-353
Table 4.9-10b: Summary of Potential Impacts on Historic and Cultural Resources during Operation of the Proposed Action	4-355
Table 4.9-10c: Summary of Potential Impacts on Historic and Cultural Resources during Decommissioning of the Proposed Action	4-356
Table 4.10 1: Impact Rating Table for Visual Aspects, Light and Glare from Section 4.1	4-360
Table 4.10-2: Criteria for Assessing Magnitude of Impacts Related to Visual Aspects	4-362

Table 4.10-3: Proposed Action Example Wind Turbine Layout and Model Options	4-364
Table 4.10-4: Historical Sunshine Availability by Month for Spokane, Washington	4-368
Table 4.10-5: Criteria for Assessing Magnitude of Impacts from Shadow Flicker	4-369
Table 4.10-6: Criteria for Assessing Magnitude of Impacts from Light	4-370
Table 4.10-7: Criteria for Assessing Magnitude of Impacts from Glare	4-371
Table 4.10-8: Impact Analysis Applicable to Project Component	4-373
Table 4.10-9 Key Observation Point/Viewpoint Impact Table – Turbine Option 1	4-387
Table 4.10-10: windPRO Maximum Expected Shadow Flicker Impacts for Turbine Option 1	4-398
Table 4.10-11. Key Observation Point/Viewpoint Impact Table – Turbine Option 2	4-402
Table 4.10-12: windPRO Maximum Expected Shadow Flicker Impacts for Turbine Option 2	4-407
Table 4.10-13: Key Observation Point/Viewpoint Impact Table – Solar Array	4-411
Table 4.10-14a: Summary of Potential Impacts on Visual Aspects, Light, and Glare during Construction of the Proposed Action	4-435
Table 4.10 14b: Summary of Potential Impacts on Visual Aspects, Shadow Flicker, Light, and Glare during Operation of the Proposed Action	4-436
Table 4.10-14c: Summary of Potential Impacts on Visual Aspects, Light, and Glare during Decommissioning of the Proposed Action	4-438
Table 4.11 1: Impact Rating Table for Noise and Vibration from Section 4.1	4-441
Table 4.11 2: Criteria for Assessing Magnitude of Impacts on Noise and Vibration	4-442
Table 4.11 3: Proposed Action Wind Turbine Layout and Model Options	4-445
Table 4.11 4: Wind Turbine Sound Power Levels (dBA) Correlated with Wind Speed	4-445
Table 4.11 5: Modeled Octave Band Sound Power Level (dB) for Solar Equipment	4-449
Table 4.11 6: Modeled Octave Band Sound Power Level for Battery Energy Storage System	4-450
Table 4.11 7: Modeled Octave Band Sound Power Level for Substation Transformers	4-451
Table 4.11 8: Estimated Lmax Sound Pressure Levels from Construction Equipment	4-453
Table 4.11 9: Maximum Modeled Operational Noise Levels at Residential Receptors and Boundary	4-456
Table 4.11 10: Maximum Modeled Operational Noise Levels at Residential Receptors and Boundary	4-458
Table 4.11-11a: Summary of Potential Impacts on Noise and Vibration during Construction of the Proposed Action	4-467
Table 4.11-11b: Summary of Potential Impacts on Noise and Vibration during Operation of the Proposed Action	4-468
Table 4.11-11c: Summary of Potential Impacts on Noise and Vibration during Decommissioning of the Proposed Action	4-469
Table 4.12 1: Impact Rating Table for Recreation from Section 4.1	4-472
Table 4.12 2: Criteria for Assessing Magnitude of Impacts on Recreation Resources	4-473

Table 4.12 3: Summary of Impacts on Recreation Resources within the Study Area	4-488
Table 4.12 4: Impacts from Turbine Option 1 and Turbine Option 2 on Recreation Resources within the Study Area by Resource Activity.....	4-489
Table 4.12 5a: Summary of Potential Impacts on Recreation during Construction of the Proposed Action	4-493
Table 4.12 5b: Summary of Potential Impacts on Recreation during Operation of the Proposed Action	4-495
Table 4.12 5c: Summary of Potential Impacts on Recreation during Decommissioning of the Proposed Action	4-497
Table 4.13 1: Impact Rating Table for Public Health and Safety from Section 4.1	4-502
Table 4.13 2: Criteria for Assessing Magnitude of Impacts on Public Health and Safety	4-502
Table 4.13-3a: Summary of Potential Impacts on Public Health and Safety during Construction of the Proposed Action	4-515
Table 4.13-3b: Summary of Potential Impacts on Public Health and Safety during Operation of the Proposed Action	4-516
Table 4.13-3c: Summary of Potential Impacts on Public Health and Safety during Decommissioning of the Proposed Action	4-517
Table 4.14 1: Impact Rating Table for Transportation from Section 4.1	4-520
Table 4.14 2: Criteria for Assessing Magnitude of Impacts on Transportation	4-521
Table 4.14 3: Construction Equipment	4-530
Table 4.14-4a: Summary of Potential Impacts on Transportation during Construction of the Proposed Action	4-539
Table 4.14-4b: Summary of Potential Impacts on Transportation during Operation of the Proposed Action ...	4-540
Table 4.14-4c: Summary of Potential Impacts on Transportation during Decommissioning of the Proposed Action	4-541
Table 4.15 1: Impact Rating Table for Public Services and Utilities from Section 4.1	4-544
Table 4.15 2: Criteria for Assessing Magnitude of Impacts on Public Services and Utilities	4-545
Table 4.15 3: Comparison of the Project with Benton County Plans	4-546
Table 4.15 4: Summary of Waste Streams within the Lease Boundary	4-550
Table 4.15-5a: Summary of Potential Impacts on Public Services and Utilities during Construction of the Proposed Action	4-562
Table 4.15-5b: Summary of Potential Impacts on Public Services and Utilities during Operation of the Proposed Action	4-563
Table 4.15-5c: Summary of Potential Impacts on Public Services and Utilities during Decommissioning of the Proposed Action	4-564
Table 4.16 1: Impact Rating Table for Socioeconomics from Section 4.1	4-567
Table 4.16 2: Criteria for Assessing Magnitude of Impacts on Socioeconomics	4-568
Table 4.16-3: Impact of Project Construction on People of Color and Low-Income Communities	4-577

Table 4.16-4a: Summary of Potential Impacts on Socioeconomics during Construction of the Proposed Action4-589

Table 4.16-4b: Summary of Potential Impacts on Socioeconomics during Operation of the Proposed Action 4-590

Table 4.16-4c: Summary of Potential Impacts on Socioeconomics during Decommissioning of the Proposed Action4-591

Table 5-1: Existing and Reasonably Foreseeable Developments Included in the Cumulative Impact Analysis5-7

Table 5-2: Cumulative Impacts with Proposed Action5-10

Table 5-3: Cumulative Impact Analysis Summary5-19

FIGURES

Figure ES-1: Project Lease Boundary and Project Vicinity ES-5

Figure 1-1: Project Location 1-3

Figure 2-1: Project Location 2-3

Figure 2-2: Proposed Disturbance..... 2-4

Figure 2-5: Turbine Layout Option 1 - Areas of High Impact2-38

Figure 2-6: Turbine Layout Option 2 - Areas of High Impact2-39

Figure 3.2-1: Regional Plate Tectonics3-7

Figure 3.2-2: Project Vicinity and Lease Boundary Geology3-10

Figure 3.2-3: Lease Boundary Soils Data3-13

Figure 3.2-4: Tectonic Setting of the Pacific-Juan de Fuca-North American Plate Boundary Region3-18

Figure 3.2-5: Earthquake Epicenters within the Project Region.....3-19

Figure 3.2-6: Geologically Hazardous Areas within the Project Vicinity.....3-24

Figure 3.3-1: 2020 Wind for Richland, Washington, Meteorological Station3-31

Figure 3.3-2: 2020 Atmospheric Stability for Richland, Washington, Meteorological Station3-33

Figure 3.3-3: Five-Year Wind Rose (2018–2022) from Tri-Cities Airport, Pasco, Washington3-34

Figure 3.4-1: Watersheds and Water Resources in the Project Lease Boundary3-45

Figure 3.4-2: Wetland Delineated in the Lease Boundary during May 2020 Field Surveys by the Applicant3-50

Figure 3.4-3: Waters Delineated in the Lease Boundary from Field Surveys3-51

Figure 3.4-4: 100-Year and 500-Year Floodplain in the Project Lease Boundary Vicinity3-54

Figure 3.5-1: Habitat Types and Subtypes within the Project Lease Boundary page 1 of 13.....3-65

Figure 3.5-1: Habitat Types and Subtypes within the Project Lease Boundary page 2 of 13.....3-66

Figure 3.5-1: Habitat Types and Subtypes within the Project Lease Boundary page 3 of 13.....3-67

Figure 3.5-1: Habitat Types and Subtypes within the Project Lease Boundary page 4 of 13.....3-68

Figure 3.5-1: Habitat Types and Subtypes within the Project Lease Boundary page 5 of 13.....3-69

Figure 3.5-1: Habitat Types and Subtypes within the Project Lease Boundary page 6 of 13.....3-70

Figure 3.5-1: Habitat Types and Subtypes within the Project Lease Boundary page 7 of 13.....3-71

Figure 3.5-1: Habitat Types and Subtypes within the Project Lease Boundary page 8 of 13.....3-72

Figure 3.5-1: Habitat Types and Subtypes within the Project Lease Boundary page 9 of 13.....3-73

Figure 3.5-1: Habitat Types and Subtypes within the Project Lease Boundary page 10 of 13.....3-74

Figure 3.5-1: Habitat Types and Subtypes within the Project Lease Boundary page 11 of 13.....3-75

Figure 3.5-1: Habitat Types and Subtypes within the Project Lease Boundary page 12 of 13.....3-76

Figure 3.5-1: Habitat Types and Subtypes within the Project Lease Boundary page 13 of 13.....3-77

Figure 3.5-2: Habitat Mapping in the Vegetation Assessment Area from the 2019 National Land Cover Database3-84

Figure 3.5-3: Department of Natural Resources Management Land in the Project Lease Boundary.....3-87

Figure 3.6-1: Habitat Composition in the Lease Boundary.....3-102

Figure 3.6-2: Wildlife Movement Corridors within the Project Lease Boundary and Project Footprint3-111

Figure 3.6-3: WDFW Wildlife Occurrence Locations within the 2-Mile Assessment Area3-130

Figure 3.6-4: Townsend's Ground Squirrel Habitat Concentration Area Levels in the Lease Boundary3-131

Figure 3.8-1: Land Ownership within Project Vicinity3-144

Figure 3.8-2: Benton County, Washington Comprehensive Plan Land Use Designations3-151

Figure 3.8-3: Benton County, Washington Project Vicinity Zoning Ordinance Map.....3-152

Figure 3.10-1: Noise Sensitive Receptors in Project Vicinity3-186

Figure 3.10-2: Representative Viewpoint Locations.....3-193

Figure 3.11-1: Noise Sensitive Receptors in Project Vicinity3-200

Figure 3.11-2: Baseline Sound Monitoring Stations in Project Vicinity3-203

Figure 3.12-1: Recreation Location Map 1 of 43-212

Figure 3.12-2: Recreation Location Map 2 of 43-213

Figure 3.12-3: Recreation Location Map 3 of 43-214

Figure 3.12-4: Recreation Location Map 4 of 43-215

Figure 3.12-5: Paragliding and Hang Gliding Launch Points within the Recreation Study Area.....3-220

Figure 3.12-6: IAF-NGT Features within the Study Area, Map 1 of 43-225

Figure 3.12-7: IAF-NGT Features within the Study Area, Map 2 of 43-226

Figure 3.12-8: IAF-NGT Features within the Study Area, Map 3 of 43-227

Figure 3.12-9: IAF-NGT Features within the Study Area, Map 4 of 43-228

Figure 3.14-1: Statewide Map of 2021 T-1 and T-2 Truck Freight Corridors	3-239
Figure 3.14-2: Transportation Routes for Phase 1	3-241
Figure 3.14-3: Transportation Routes for Phase 2	3-242
Figure 3.14-4: Waterway Freight Corridors	3-248
Figure 3.14-5: Rail Freight Corridors in Washington State.....	3-250
Figure 3.16-1: Race and Ethnicity Status.....	3-275
Figure 3.16-2: Low-income Status within the Socioeconomic Study Area.....	3-280
Figure 4.3-1: Modeled Receptor Grid	4-46
Figure 4.6-1: Indirect Habitat Loss	4-190
Figure 4.10-1: Turbine Option 1 Layout	4-366
Figure 4.10-2: Turbine Option 2 Layout	4-367
Figure 4.10-3: Viewshed Analysis Results: Turbine Layout Option 1	4-380
Figure 4.10-4: Viewshed Analysis Results: Turbine Layout Option 2	4-381
Figure 4.10-5: Viewshed Analysis Results: Western Solar Array (County Well Road)	4-382
Figure 4.10-6: Viewshed Analysis Results: Western Solar Array (Sellards Road)	4-383
Figure 4.10-7: Viewshed Analysis Results: Eastern Solar Array (Bofer Canyon)	4-384
Figure 4.10-8: Viewshed Analysis Results: Proposed Transmission Lines	4-385
Figure 4.10-9: Expected Shadow Flicker Impact Area Turbine Option 1 (GE 2.82-127 89m).....	4-400
Figure 4.10-10: Expected Shadow Flicker Impact Area Turbine Option 2 (GE 5.5-158 125m).....	4-409
Figure 4.10-11: Glare Receptors Solar Array County Well (West 1).....	4-420
Figure 4.10-12: Glare Receptors Solar Array Sellards (West 2)	4-421
Figure 4.10-13: Glare Receptors Solar Array East.....	4-422
Figure 4.11-1: Turbine Option 1 Layout	4-447
Figure 4.11-2: Turbine Option 2 Layout	4-448
Figure 4.11-3: Operational Received Sound Levels Option 1 G.E. 2.82 MW Wind Turbines (Noise-Reduced Operation Mode)	4-457
Figure 4.11-4: Operational Received Sound Levels Option 2 G.E. 5.5 MW Wind Turbines	4-460
Figure 4.14-1: Potential Traffic Mitigation Locations - Oversized Loads.....	4-528
Figure 5-1: Location of Past and Present Actions, and Other Reasonably Foreseeable Developments	5-9

ATTACHMENTS

ATTACHMENT ES-3-1

EFSEC Recommended Mitigation Measures ES-22

ATTACHMENT ES-3-2

Tables ES-3a through ES-3c and Tables ES-4a through ES-4c:
Summary of Potential Impacts of the Comprehensive Project and by Project Component during Construction,
Operations, and Decommissioning..... ES-54

APPENDICES

APPENDIX 3.5-1

Habitat Subtype Photographs

APPENDIX 3.8-1

Land and Shoreline Use Consistency Analysis

APPENDIX 3.10-1

Sky Glow Information and Comparisons

APPENDIX 3.10-2

SWCA 2023 Visual Impact Assessment Report

APPENDIX 3.16-1

Horse Heaven Wind Farm’s Proximity to other Environmental Stressors

APPENDIX 4.3-1

Emission Calculations

APPENDIX 4.3-2

Tetra Tech 2023 Air Quality Dispersion Modeling Evaluation

APPENDIX 4.6-1

GAL 2022 Wind Turbine Wildlife Collision Risk Assessment

APPENDIX 4.10-1

Glare Analysis Inputs and Assumptions

APPENDIX 4.11-1

Inputs for Noise Modeling Assessment

APPENDIX 4.16-1

Technical Review of Horse Heaven Wind Farm, LLC’s Economic Impact Analysis Methodology

APPENDIX 10-1

Draft EIS Comment and Response Tables

ACRONYMS AND ABBREVIATIONS

°F	degrees Fahrenheit	CCS	crypto-crystalline silicate
ACEC	Area of Critical Environmental Concern	CEQ	Council on Environmental Quality
ADLS	Aircraft Detection Lighting System	CESA	Clean Energy States Alliance
ADT	average daily traffic	CFR	Code of Federal Regulations
APP	Avoidance and Protection Plan	CH ₄	methane
Applicant	Horse Heaven Wind Farm, LLC	CIE	Commission Internationale de l'Eclairage
ARM	Ambient Ratio Method	cm	centimeters
ASC	Application for Site Certification	CO	carbon monoxide
ASCE	American Society of Civil Engineers	CO ₂	carbon dioxide
ASOS	Automated Surface Observing Systems	CO _{2e}	carbon dioxide equivalent
ASR	aquifer storage and recovery	Columbia Ridge	Columbia Ridge Landfill and Green Energy Plant
AVA	American Viticultural Area	CRP	U.S. Department of Agriculture's Conservation Reserve Program
B.P.	before present	CSZ	Cascadia Subduction Zone
BBCS	Bird and Bat Conservation Strategy	CTUIR	Confederated Tribes of the Umatilla Indian Reservation
BCAA	Benton Clean Air Agency	CWA	Clean Water Act
BCC	Benton County Code	DAHP	Department of Archaeology and Historic Preservation
BCEM	Benton County Emergency Management	dB	decibels
BDI	Basin Disposal, Inc.	dBA	A-weighted decibels
Benton PUD	Benton County Public Utility District	DDT	dichlorodiphenyltrichloroethane
Benton REA	Benton County Rural Electric Association	DEQ	Oregon Department of Environmental Quality
BESS	battery energy storage system	DNR	Washington State Department of Natural Resources
bgs	below ground surface	DSRP	Detailed Site Restoration Plan
BFCOG	Benton-Franklin Council of Governments	Ecology	Washington State Department of Ecology
BFEDD	Benton-Franklin Economic Development District	EDNA	Environmental Designation for Noise Abatement
bhp	brake horse power	EF	emissions factor
BLM	Bureau of Land Management	EFSEC	Washington Energy Facility Site Evaluation Council
BMP	best management practice	EIS	Environmental Impact Statement
BPA	Bonneville Power Administration	EJ	environmental justice
CAA	Clean Air Act	ELZ	Environmental Lighting Zone
CadnaA	Computer Aided Noise Abatement	EPA	U.S. Environmental Protection Agency
CARA	Critical Aquifer Recharge Area		

ESA	Endangered Species Act	LNTE	low noise trailing edge
FAA	Federal Aviation Administration	LOS	level of service
FAR	Federal Aviation Regulation	mag/arcsec ²	magnitudes per square arcsecond
FGTS	Freight and Goods Transportation System	met tower	meteorological tower
FHWA	Federal Highway Administration	mm/s	millimeters per second
FMSIB	Freight Mobility Strategic Investment Board	MOVES	Motor Vehicle Emission Simulator
FR	Federal Register	MPD	Multiple Property Documentation
FRA	Federal Railroad Administration	mph	miles per hour
FSAC	Freight Station Accounting Code	MSA	Metropolitan Statistical Area
FTA	Federal Transit Administration	MSW	municipal solid waste
FTE	full-time equivalent	MW	megawatts
g CO ₂ e/kWh	grams of carbon dioxide equivalent per kilowatt hour	M _w	moment magnitude; <i>a/so</i> M
GAP	Gap Analysis Project	MWac	megawatts of alternative current
GE	General Electric	MW-hr	megawatt hours
GHG	greenhouse gas	N ₂ O	nitrous oxide
GMA	Washington State Growth Management Act	NAAQS	National Ambient Air Quality Standards
GWP	global warming potential	NCT	Notice Criteria Tool
HAP	hazardous air pollutant	Nez Perce	Nez Perce Tribe
HCA	habitat concentration area	NLCD	National Land Cover Database
HRA	Historical Research Associates, Inc.	NO ₂	nitrogen dioxide
HV	high voltage	NO _x	oxides of nitrogen
Hz	hertz	NPDES	National Pollutant Discharge Elimination System
I-82	Interstate 82	NRCS	Natural Resources Conservation Service
I-84	Interstate 84	NRHP	National Register of Historic Places
IAF-NGT	Ice Age Floods National Geologic Trail	NRO	noise reduced operation
IBC	International Building Code	NSR	noise sensitive receptor
IDP	Inadvertent Discovery Plan	O&M	operation and maintenance
IHLMP	Indirect Habitat Loss Management Plan	O ₃	ozone
JARPA	Joint Aquatic Resource Permit Application	ODFW	Oregon Department of Fish and Wildlife
km	kilometers	OFM	Washington State Office of Financial Management
km ²	square kilometers	OHV	off-highway vehicle
KOP	key observation point	OHWL	Ordinary High Water Line
kV	kilovolts	OPRD	Oregon Parks and Recreation Department
LED	light-emitting diode	Pb	lead
LEED	Leadership in Energy and Environmental Design	PCFM	post-construction fatality monitoring
LFN	low-frequency noise		

PGA	peak ground acceleration	TESC Plan	Temporary Erosion and Sediment Control Plan
PHS	Priority Habitats and Species	TIP	transportation improvement program
Plateau	Columbia Plateau	TLG	TLG Transport
PM ₁₀	particulate matter less than 10 microns		Yakama Nation, the Confederated Tribes of the Umatilla Indian Reservation, the Nez Perce Tribe, and the Wanapum Tribe
PM _{2.5}	particulate matter less than 2.5 microns in diameter	Tribes	
Project	Horse Heaven Wind Farm; <i>a/so</i> Proposed Action	TUS	traditional use study
Proposed Action	Horse Heaven Wind Farm; <i>a/so</i> Project	TV	television
PUD	Public Utility District	UE	utilities element
PTAG	Pre-operational Technical Advisory Group	UFC	Unified Facilities Criteria
PV	photovoltaic	USDA	U.S. Department of Agriculture
RCCH	RCCH Health Care Partners/Trios	USFWS	U.S. Fish and Wildlife Service
RCW	Revised Code of Washington	USGS	U.S. Geological Survey
RFD	reasonably foreseeable development	UTC	Washington Utilities and Transportation Commission
RV	recreational vehicle	VAA	Vegetation Area of Analysis
Sandia	Sandia National Laboratories	VMT	vehicle miles travelled
SCA	Site Certification Agreement	VOC	volatile organic compound
SCADA	supervisory control and data acquisition	VRM	Visual Resource Management
	SEPA Determination of Significance and Request for Comments on Scope of Environmental Impact Statement for the Horse Heaven Wind Farm Project	WAC	Washington Administrative Code
Scoping Notice		Waste Management	Waste Management of Kennewick
		WDFW	Washington Department of Fish and Wildlife
SECOMM	Southeast Communications Center	WHCWG	Wildlife Habitat Connectivity Working Group
SEPA	Washington State Environmental Policy Act	WHR	Washington Heritage Register
SGHAT	Solar Glare Hazard Analysis Tool	WISAARD	Washington Information System for Architectural and Archaeological Records Data
SIP	State Implementation Plan		Washington Natural Heritage Program
SMA	Shoreline Management Act	WNHP	Freshwater Quality Index
SMP	Shoreline Master Program	WQI	
SO ₂	sulfur dioxide	WRIA	Water Resource Inventory Area
SPCC	Spill Prevention, Control, and Countermeasures	WSDOT	Washington State Department of Transportation
SPL	sound pressure level	Yakama Nation	Confederated Tribes and Bands of the Yakama Nation
SWPPP	Stormwater Pollution Prevention Plan	YFTB	Yakima Fold and Thrust Belt
TAC	Technical Advisory Committee	ZOI	zone of influence
TCP	traditional cultural property		
TIA	Traffic Impact Assessment		

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