

Change Log for Horse Heaven Wind Farm Final ASC

Section	Revision	Date Originally Submitted to EFSEC	Date of Edit	Description
List of Appendices	Added Appendix W	Jun-23	Sep-23	Air Quality Dispersion Modeling completed for batch plant and generators per Data Request 7
List of Appendices	Added Appendix X	Sep-23	Sep-23	Traffic Impact Analysis completed per Data Request 7
Acronyms and Abbreviations	Added terms to reflect additions to ASC text	N/A	Sep-23	Added ATR (automated traffic recorder) and TMC (turning movement count)
1.10.1 Mitigation Measures Summary-Habitat, Vegetation, Fish and Wildlife	Updated language regarding WDFW buffers	N/A	Sep-23	Provided clarification on published WDFW recommendations for ferruginous hawk avoidance
1.10.1 Mitigation Measures Summary-Habitat, Vegetation, Fish and Wildlife	Included most up to date data available	Aug-23	Sep-23	Updated description of ferruginous hawk avoidance measures. Removed reference to eagle take permit. Updated pre-construction survey commitments to reflect completion of additional surveys. Added detail on post-construction monitoring commitments. Added description of 2023 project layout modifications completed to reduce impacts to habitat and wildlife.
1.10 Mitigation Measures-Energy and Natural Resources	Added water rights information	Aug-23	Sep-23	Included text to reflect the potential purchase of water from the DNR Gould Well.
1.10 Mitigation Measures-Safety	Inserted language on BESS container safety	Aug-23	Sep-23	Added detail on BESS system compliance with National Fire Protection Association (NFPA) Standard 855.
1.10 Mitigation Measures-Aesthetics	Updated text to reflect the current solar arrays and number of turbines	Aug-23	Sep-23	Text updated to include plans for the reduced Turbine Layout and removed solar panels by I-82, inclusion of ADLS system if authorized by FAA, and corresponding decrease in the impacts the Project has on aesthetics.
1.11 Sources of Information, 1.11.20 Section 4.3 Transportation	Added reference to additional safety measures described in the new Traffic Impact Analysis	Sep-23	Sep-23	Traffic Impact Analysis completed per Data Request 7.

Change Log for Horse Heaven Wind Farm Final ASC

Section	Revision	Date Originally Submitted to EFSEC	Date of Edit	Description
1.11 Sources of Information-1.11.10 Section 3.4, Habitat, Vegetation, Fish, and Wildlife; Section 4.3, Transportation	Added citations for updates to Section 3.4 and 4.3	N/A	Sep-23	Added citations.
Chapter 2	Changing the total maximum number of WTG units to 231 (Option 1) and 147 (Option 2). Change the planned generating capacity of the eastern solar array from 300MW to 100MW.	Aug-23	Sep-23	These edits were made globally.
2.1, Site Description	Added footnotes to Lease Boundary, Micrositing Corridor, and Solar Siting Area dimensions	N/A	Sep-23	Added context for acreage calculations to reflect lease boundary modifications and impact avoidance commitments resulting from August 2023 layout updates
2.1-1 (Table) Project-Related Impacts	Updated dimensions based on revised project description impacts	N/A	Sep-23	Updated GIS calculation to reflect project layout modifications from August 2023.
2.1-1 (table)Project-Related Impacts	Laydown Yards dimensions included from updates to include the laydown yards for GE turbine drop off	Aug-23	Sep-23	Updated GIS calculation to reflect project layout modifications from August 2023.
2.3 Construction On Site	Changing the total area to be occupied by the solar arrays to be no more than approximately 5,447 acres rather than 6,570 acres.	Aug-23	Sep-23	Updated acreage calculation for solar arrays to reflect removal of panels in portions of the eastern solar array siting area.
2.3 Construction On Site	Corrected nameplate and interconnection capacity information for BPA substation interconnects; added clarification on Turbine technology	Aug-23	Sep-23	Modified information to reflect reduction in nameplate generating capacity at the eastern solar array.
2.3 Construction On Site	Added ADLS towers as a listed "other project component"	Aug-23	Sep-23	Added ADLS towers as per Washington's new requirement under HB 1173.

Change Log for Horse Heaven Wind Farm Final ASC

Section	Revision	Date Originally Submitted to EFSEC	Date of Edit	Description
2.3.1 Turbines and Towers	Deleted inapplicable text	Aug-23	Sep-23	Updated text to reflect BPA's selection of its Webber Canyon substation location.
2.3.1 Turbines and Towers	Added information regarding Turbine lighting in accordance with HB 1173	Aug-23	Sep-23	Provided information on nighttime lighting mitigation system.
2.3.3 Electrical Collection System	Corrected miles of underground collection lines	N/A	Sep-23	Updated miles of electrical collection lines from 285 to 276 to reflect layout modifications.
2.3.4 Project Substations	Removed inapplicable language and provided clarification on substation and switchyard layout	Aug-23	Sep-23	Updated project substation descriptions to reflect changes made due to BPA's selection of location for its Webber Canyon substation.
2.3.5 Battery Storage Facility	Clarified language on BESS infrastructure	Aug-23	Sep-23	Updates information on distribution of BESS system infrastructure between east and west locations, and provides clarification on safety requirements.
2.3.6 Access Roads	Updated access road mileage	N/A	Sep-23	Updated calculations of new access roads based on modified Project layout provided to EFSEC in August 2023.
2.3.9 ADLS Towers	New section to describe Aircraft Detection Lighting System radar towers	Aug-23	Sep-23	Provides a description of ADLS radar towers that will be installed subject to FAA approval.
2.3.11 Transmission Line	Edits to the Primary and Alternate Transmission Line Descriptions	Aug-23	Sep-23	Updated information and removed transmission line alternatives that are no longer required based on BPA's selection of its Webber Canyon substation location.
2.3.12 Temporary Laydown Yard	Updated description of laydown areas to reflect current Project plans.	Aug-23	Sep-23	The text was revised to include three rather than two laydown areas; this edit was carried out globally. Supporting language for these edits was inserted as needed. One laydown area was added to accommodate Turbine manufacturer requirements for delivery of Turbine tower components at the beginning of Facility construction.
2.3.15 Costs	Clarified context for cost estimate	N/A	Sep-23	Clarifies that the cost estimate provided in this ASC was developed at the time the original ASC was prepared in 2021.
2.6 Water Supply	Included the potential use of DNR's Gould Well for construction and operations water supply	Aug-23	Sep-23	Added information about an additional potential water source.
2.10 Spillage Prevention and Control	Inserted additional information regarding battery enclosure construction and safety measures	Aug-23	Sep-23	Updated to current best practices for battery energy storage fire safety measures.

Change Log for Horse Heaven Wind Farm Final ASC

Section	Revision	Date Originally Submitted to EFSEC	Date of Edit	Description
Table 2.15-1 Potential Project Construction Phasing Components	Carried edits made throughout the text into the table.	Aug-23	Sep-23	Global changes made to the Energy Generation, BESS, Substations, O&M Facilities and Transmission impact that is included under each phase/alternative and what roads will be needed to construct the Project components. Added footnote to affirm that although details of the construction phasing would shift as a result of layout reductions adopted in Summer 2023, the analysis presented in the ASC continues to represent the maximum expected Project impact.
Table 2.15-2, 2.15-3, and 2.15-4 Proposed Construction Schedules	Updated planned start and finish dates to be 23 months later than proposed in the original ASC	N/A	Sep-23	To accommodate the current anticipated EFSEC review schedule, the construction schedule has been shifted.
Figures 2.15-1, 2.15-2, 2.15-3	Added footnotes to each table	N/A	Sep-23	Footnotes to figures showing estimated construction employment by month and task, affirming that the construction schedule will be delayed. Note that shifted construction schedule does not alter employment estimates based on Project phase.
2.19 Security Concerns	Added information on radar tower enclosures	N/A	Sep-23	ADLS radar towers would be enclosed by a security fence.
2.22.2 Site Selection	Added information on modifications made to the Project to reflect agency and public concerns	Aug-23	Sep-23	Described layout modifications including Turbine and collector location shifts, removal of certain proposed Turbines, reduction in eastern solar array size, and installation (pending FAA approval) of ADLS systems
2.22.3 Electrical Transmission Routing Alternatives	Clarified location of BPA Webber Canyon substation and associated updates to Project infrastructure	Aug-23	Sep-23	Confirmed locations of Project infrastructure associated with BPA's selection of location for its Webber Canyon substation.
2.22.5 Alternative Construction Access	Added clarification on construction traffic	Jun-23	Sep-23	Added clarification on light vehicle and construction worker access routes based on additional Traffic Impact Analysis conducted in 2023.
2.22.6 Alternative Haul Routes and Methods of Transport	Added information on additional laydown area required for staging of Turbine components	Aug-23	Sep-23	Updated according to additional laydown area.

Change Log for Horse Heaven Wind Farm Final ASC

Section	Revision	Date Originally Submitted to EFSEC	Date of Edit	Description
2.23 Pertinent Federal, State, and Local Requirements	Updated acreage calculations to reflect modified layout; updated references to other sections of the report to reflect changes made in this document	N/A	Sep-23	Updated acreage impacts and percentage of agricultural and GMAAD acres to reflect modified layout.
Figure 2.3-1 Option 1 Layout	Updated Turbine, solar array, transmission line layouts	Aug-23	Sep-23	Update layout to reflect removal of 13 Turbines, reduction in size of solar array, and modifications to substation and transmission line locations.
Figure 2.3-2 Option 2 Layout	Updated Turbine, solar array, and transmission line layouts	Aug-23	Sep-23	Update layout to reflect removal of 3 Turbines, reduction in size of solar array, and modifications to substation and transmission line locations.
Figure 2.3-8 Option 1 Mapbook	Updated to remove Turbines, portions of eastern solar array, and transmission and substation infrastructure; add ADLS towers; update laydown areas, and adjust associated electrical and roads infrastructure	Aug-23	Sep-23	Show detailed modifications associated with reduction/modification to Project layout.
3.2.2.1 Construction	Added new Appendix reference	Jun-23	Sep-23	Based on request from EFSEC, additional air emissions modeling was completed in response to Data Request 7 to depict air emissions associated with use of batch plants and generators during construction. Added reference to new Appendix W in text.
Table 3.4-1 Habitat Types and Subtypes within the Project Lease Boundary, Micrositing Corridor, and Solar Siting Areas.	Revised Micrositing Corridor Metrics	N/A	Sep-23	Updated acres of each habitat type based on revised micrositing corridor (to accommodate shifts in infrastructure locations).
Table 3.4-4 Summary of Wildlife Surveys Conducted	Added 2023 aerial raptor nest survey to list of surveys conducted	Aug-23	Sep-23	Updated list of surveys conducted.
3.4.1.3 Wildlife, General Wildlife, Raptor Nest Surveys	Updated information on raptor nest findings based on 2023 survey results	Aug-23	Sep-23	Added information on nest occupancy and nest status based on five years of survey for both eagle and non-eagle nests.
Table 3.4-12 Non-eagle Raptor Nest Survey Results	Included new data and updated foot notes.	Aug-23	Sep-23	Nest numbers and densities changed due to 2023 survey results.
Table 3.4-13 Bald Eagle Nest status and Productivity	Included new data throughout the table.	Aug-23	Sep-23	Nest numbers and densities changed due to 2023 survey results.

Change Log for Horse Heaven Wind Farm Final ASC

Section	Revision	Date Originally Submitted to EFSEC	Date of Edit	Description
3.4.1.3 Wildlife, Fish and Wildlife Habitat Conservation Areas	Updated information on ferruginous hawk nest status based on 2023 survey results; updated acreages of shrub-steppe habitat within the micrositing corridor and solar siting area to match Table 3.4-1	N/A	Sep-23	Changes in the total amounts of shrubland included in the proposed Project disturbance were made in the text. Language that no longer applies was removed.
3.4.1.3 Wildlife, Migration Routes	Included pronghorn in the analysis of migrating big game species.	Aug-23	Sep-23	Inserted paragraph to include new pronghorn movement tracking data provided during adjudication.
Table 3.4-14 Estimated Impacts on Habitat Types from Construction and Operation of the Project	Updated habitat impact calculations to reflect modifications to the Project layout	N/A	Sep-23	Changes in impacted acreage within the Micrositing Corridors and Solar Siting Areas were carried throughout the table.
3.4.2.3 Wildlife, Special Status Wildlife, Black-tailed and white-tailed jackrabbit; Townsend's ground squirrel	Updated total suitable habitat that would be disturbed or modified during construction.	N/A	Sep-23	Changed total acreage from 1,554 to 782 acres based on new Project acreages.
3.4.2.3 Wildlife, Special Status Wildlife, Sagebrush lizard	Updated total suitable habitat that would be disturbed or modified during construction.	N/A	Sep-23	The number changed from 28 acres to 42 acres.
3.4.2.3 Wildlife, Special Status Wildlife, Ferruginous hawk	Included new 2023 source in the text; included additional information and context on historic ferruginous hawk nests	Aug-23	Sep-23	The 2023 data source included new data that indicated that 48.3% of the nests were in residential developments or other human development ranges, this was included in the text.
3.4.2.3 Wildlife, General Wildlife, Bats	New bat fatality assessment results included in the text.	Jan-23	Sep-23	Supporting information for bat fatality analysis provided in the Jansen 2023 report was added to this section
3.4.2.3 Wildlife, Birds, Habitat Loss and Modification	Updated text with revised disturbance acreages throughout.	N/A	Sep-23	Updated text to match updated Table 3.4-14.
3.4.2.3 Wildlife, Migration Routes	Removed information on overlap of eastern solar array with habitat linkage area	Aug-23	Sep-23	Updated text based on removal of portion of the eastern solar array.

Change Log for Horse Heaven Wind Farm Final ASC

Section	Revision	Date Originally Submitted to EFSEC	Date of Edit	Description
3.4.2.3 Wildlife, Fish and Wildlife Habitat Conservation Areas	Updated impact acreages to reflect modifications to the Project layout	Aug-23	Sep-23	Updated text to match updated Table 3.4-14.
3.4.3 Mitigation Measures	Updated impact acreages to reflect modifications to the Project layout; clarified mitigation measures for ferruginous hawk and eagle	Aug-23	Sep-23	Updated text to match updated Table 3.4-14; clarified reliance on published WDFW guidance for seasonal buffers on ferruginous hawk nests. Removed statement regarding eagle take permit, which is not pertinent to this application.
3.6.2 Energy and Natural Resources, Impacts	Provided confirmation of number of times per year that panel washing would occur	N/A	Sep-23	Up to 3 wash campaigns per year were used to develop the estimated volume of water that may be used for panel washing during operations.
Figures 3.1-1, 3.1-3, 3.1-5	Updated figures to remove infrastructure that was eliminated in Summer 2023	Aug-23	Sep-23	13 Turbines and portions of the eastern solar array were removed from the layout in August 2023.
Figure 3.4-1 Habitat Types	Updated figure to reflect layout modifications	Aug-23	Sep-23	In addition to removal of Turbines, solar panels, and associated electrical and roads infrastructure, the layout was modified to add ADLS towers (and associated roads and electrical lines), shift the location of one laydown area, and add a third laydown area to accommodate Turbine component deliveries.
Figure 3.4-4 Spatial Extent of Raptor Nest Surveys	Added spatial extent of 2023 raptor nest survey area	Aug-23	Sep-23	The spatial extent of surveys in 2023 was the same as the extent of surveys in 2022; the legend on this figure was updated to reflect the additional survey year.
Figure 3.4-5 Fish and Wildlife Habitat Conservation Areas	Updated maps to reflect layout modifications	Aug-23	Sep-23	Updated project disturbance areas consistent with layout modifications made in August 2023.
Figure 3.4-6 Arid Lands Initiative	Updated map to reflect layout modifications	Aug-23	Sep-23	Updated Turbine layout consistent with layout modifications made in August 2023.
4.1.1 Noise-Input to the Noise Prediction Model, Wind Turbine Layout Table 4.1.17	Foot note added to Table 4.1.17	N/A	Sep-23	Clarified that the acoustic assessment prepared for the original ASC was not modified for this submittal and due to the reduction in number of Turbines and other infrastructure, remains a conservative estimate.
4.2.1.2 Land and Shoreline Use, Land-Use Plans and Zoning Ordinances, Impacts	Updated impact acreage based on modified layout	N/A	Sep-23	Reduced permanent impact acreage from 6,869 acres to 5,447 acres to reflect layout modifications.
4.2.3 Aesthetics - Other Facilities	Added information on ADLS radar towers	Aug-23	Sep-23	Added description of radar towers that would be installed if FAA approves use of ADLS technology.

Change Log for Horse Heaven Wind Farm Final ASC

Section	Revision	Date Originally Submitted to EFSEC	Date of Edit	Description
4.2.3 Aesthetics-Other Facilities	Revised language to represent final substations and switchyards for the project	Aug-23	Sep-23	Global: Language updated to describe the HH-West Solar substation and switchyard.
4.2.3.2 Visual Impact Analysis Methodology - Viewshed Analysis	Updated percent visibility of the eastern solar array	N/A	Sep-23	Based on updated viewshed analysis for the eastern solar array, the percentage of the area located within 5 miles of the array from which it would be visible was reduced from 31 percent to 30 percent.
4.2.3.2 Visual Impact Analysis Methodology - Representative Viewpoints	Updated number and description of representative viewpoints and photo methodologies	Jun-23	Sep-23	Additional representative viewpoints were added at EFSEC request (Data Request 7) and based on stakeholder input. Supplemental information on these viewpoints and their relation to the prior analysis was added.
Table 4.2.3-1 Selected Representative Viewpoints	Added summary descriptions for new representative viewpoints	Jun-23	Sep-23	Locations and visual simulations were previously provided to EFSEC in response to Data Request 7. Descriptions of each location have now been added to this table.
4.2.3.2 Visual Impact Analysis Methodology - Representative Viewpoints	Added detailed descriptions for new representative viewpoints	Jun-23	Sep-23	Summary descriptions of each of the 10 new representative viewpoints have been added to the text.
4.2.3.3 Impact Analysis, Visual Effects from Representative Viewpoints, Representative Viewpoint 6	Updated impact discussion to reflect the removal of solar panels in proximity to I-82.	Aug-23	Sep-23	Solar panels would no longer be visible in this scene; relevant discussion has been removed and lack of visibility indicated.
4.2.3.3 Impact Analysis, Visual Effects from Representative Viewpoints, Representative Viewpoint 8a, 8b, 10	Corrected distance to nearest Turbines	N/A	Sep-23	Based on layout modifications, the nearest Turbine to indicated viewpoints is now farther away than previously indicated. All updated distances are shown in text and on updated visual simulations.
4.2.3.3 Impact Analysis, Visual Effects from Representative Viewpoints, Representative Viewpoint 12	Removed discussion of BESS and substation visibility	N/A	Sep-23	The BESS and substation would no longer be visible in the frame of this photo based on modifications to the layout made in August 2023.
4.2.3.3 Impact Analysis, Visual Effects from Representative Viewpoints, Representative Viewpoints 14-23	Added description of Project visibility for new representative viewpoints	Jun-23	Sep-23	Impact analysis for representative viewpoints added in June 2023 at EFSEC and stakeholder request has been added throughout.
Table 4.2.3-2 Summary of Existing Scenic Quality and Proposed Project Visual Impacts	Added discussion of contrast level and impact level for all new representative viewpoints	Jun-23	Sep-23	Added impact analysis summary for all new representative viewpoints.
4.2.3.3 Impact Analysis, Shadow Flicker	Added footnote in first paragraph	N/A	Sep-23	Added footnote to clarify that the shadow flicker analysis represents a conservative analysis as it was not modified to reflect Turbines removed from the layout in August 2023.

Change Log for Horse Heaven Wind Farm Final ASC

Section	Revision	Date Originally Submitted to EFSEC	Date of Edit	Description
4.2.3.4 Mitigation Measures	Added two mitigation measures	N/A	Sep-23	Identified ADLS system and August 2023 Turbine layout modifications as mitigation measures that have been or would be implemented to reduce visual impacts.
4.3.1 Existing Environment-4.3.1.1 Local Infrastructure	Added reference to the TIA	N/A	Sep-23	A Traffic Impact Analysis has been developed in response to EFSEC's Data Request 7. This analysis is attached to the Final ASC and a reference was added to the text.
4.3.1 Existing Environment-Table 4.3-1	Revised table with current data	Aug-23	Sep-23	Traffic data were collected in June 2023 and the resulting existing traffic volume information in this table has been updated accordingly.
4.3.1 Existing Environment-4.3.1.2 Analysis Methodology	Inserted information on traffic count data collected in June 2023	Aug-23	Sep-23	There is official traffic data collected from 29 intersections in the study area compared to the previous analysis of assumptions based on movement counts.
4.3.1 Existing Environment-4.3.1.3 Existing Conditions Level of Science	Replaced previous desktop information with discussion of field-collected data	Aug-23	Sep-23	Ten roadway segments and 29 intersections were studied during peak hours and this replaced the previous desktop estimates.
4.3.1 Existing Environment-Tables 4.3-4 and 4.3-5	Replaced single table with two tables (roadway segments and unsignalized intersections) to reflect current data	Aug-23	Sep-23	Updated roadway level of service information to reflect field-collected data.
4.3.2.1 Project Trip Generation, Workforce Traffic	Identified western laydown yard location along Locust Grove Road near the intersection with H Smith Road	Aug-23	Sep-23	Clarified location of the western laydown yard (previous text reflected uncertainty in western laydown yard location).
4.2.3.1 Project Trip Generation, Study Area Roadways and Intersections	Updated information on road way sections and intersections included in traffic impact analysis	Jun-23	Sep-23	Identified roadway segments and intersections identified in consultation with WSDOT for detailed Traffic Impact Analysis; replaced previous text.
4.3.2.2 Construction Impacts to Levels of Service	Updated text to reflect detailed traffic impact analysis	Aug-23	Sep-23	Clarified expected timing of worker commuting traffic relative to analysis assumptions in updated traffic impact analysis. Removed outdated discussion of impacts to I-82, State Route 397, and State Route 221; this detailed analysis is now included in Appendix W (Traffic Impact Analysis).
4.3.2.2 Construction Impacts to Levels of Service, Project Intersections and Local Roads	Replaced outdated information with summary of Traffic Impact Analysis results	Aug-23	Sep-23	Prior conservative desktop analysis concluded that there would be a decrease in LOS during construction. The updated more detailed analysis using field data for roads concluded that the proposed Project will not result in any capacity constraints at study area roadways and intersections.

Change Log for Horse Heaven Wind Farm Final ASC

Section	Revision	Date Originally Submitted to EFSEC	Date of Edit	Description
4.3.2.2 Construction Impacts to Levels of Service- Tables 4.3.7a, 4.3.7b, Table 4.3-8a, and Table 4.3-9	Inserted Tables Tables 4.3.7a, 4.3.7b, Table 4.3-8a and Table 4.3-9	Aug-23	Sep-23	Summary tables representing results of the TIA were added to the text to replace previous outdated analysis results.
4.3.2.3 Operational Impacts to Level of Service	Corrected text regarding solar panel cleaning	N/A	Sep-23	Corrected text to reflect that routine cleaning of solar panels may occur (not 'would' occur).
4.3.3 Mitigation Measures	Added reference to development of a Traffic Management Plan	N/A	Sep-23	A Traffic Management Plan was identified as a recommended safety measure in the TIA and is included here for completeness.
4.4.2 Environmental Impacts	Corrected description of construction phasing scenarios	Aug-23	Sep-23	Updated description of eastern solar array generating capacity and distribution of BESS capacity to match layout updates made in August 2023. Added a footnote affirming that the socioeconomic impact analysis was not modified and remains a conservative analysis of potential impacts.
4.4.2.1 Population	Updated anticipated construction schedule	N/A	Sep-23	Updated anticipated construction timing to reflect current understanding of EFSEC review cycle.
Figure 4.4-8 Estimated Phase 1 Local and Non-Local Construction Workforce; Figure 4.4-9 Estimated Phase 2a Local and Non-Local Construction Workforce by Month	Added footnote to figure.	N/A	Sep-23	Footnote clarifies that shift in construction schedule does not alter the conclusions of this analysis.
Table 4.4-18 Estimated Annual Operation Impacts for Phase 1 and Phase 2	Updated description of Phase 1 and Phase 2a components	Aug-23	Sep-23	Updated phasing discussion to reflect layout modifications made in August 2023.
Figure 4.1.1-2 Operational Received Sound Levels Option 1	Included 'blow-up' inset maps	Apr-23	Sep-23	Added closer view of selected locations based on EFSEC Data Request 7.
Figure 4.1.1-4 Operational Received Sound Levels Option 2	Included 'blow-up' inset maps	Apr-23	Sep-23	Added closer view of selected locations based on EFSEC Data Request 7.
Figure 4.2.3-1, Viewshed Analysis Results: Turbine Layout Option 1; Figure 4.2.3-2, Viewshed Analysis Results: Turbine Layout Option 2	Removed Turbines from figure	Aug-23	Sep-23	Removed 13 Turbines from Option 1 and 3 Turbines from Option 2. Note that the viewshed analysis was not modified and remains a conservative estimate of Project visibility, although in some locations the number of Turbines or the portion of the Turbine(s) that would be visible would be reduced.

Change Log for Horse Heaven Wind Farm Final ASC

Section	Revision	Date Originally Submitted to EFSEC	Date of Edit	Description
Figure 4.2.3-5 Viewshed Analysis Results: Eastern Solar Array (Bofer Canyon)	Updated viewshed analysis to reflect modified eastern solar array layout	N/A	Sep-23	Revised viewshed analysis modeling based on reduced size of eastern solar array.
Figure 4.2.3-6 Viewshed Analysis Results: Proposed Transmission Lines	Updated viewshed analysis to reflect updated transmission line layout	N/A	Sep-23	Selected overhead transmission line route options were removed and the viewshed analysis modeling has been updated accordingly.
Figure 4.2.3-7 Representative Viewpoint Locations	Updated figure to include additional representative viewpoint locations	Jun-23, Aug-23	Sep-23	Additional representative viewpoints were added at EFSEC request (Data Request 7) and based on stakeholder input (June 2023). The figure also was updated to reflect layout modifications made in August 2023.
Appendix G Shadow Flicker Report	Replaced Figure 1	Apr-23	Sep-23	Replaced Figure 1 to provide additional detail at identified receptor locations, as requested by EFSEC in Data Request 7.
Appendix K Biological Resource Reports	Added four reports dated 2022 and 2023 to the compilation of reports	Jan-23; Aug-23	Sep-23	Population Viability Analysis, Resource Selection Analysis, and Cumulative Effects Analysis were provided to EFSEC in January 2023. Additional raptor nest surveys conducted in Spring 2023 were summarized in a report provided to EFSEC in August 2023.
Appendix L Habitat Mitigation Plan	Updated impact analysis and mitigation plan	N/A	Sep-23	Impact analysis was modified to reflect August 2023 layout changes. Citations to WDFW recommendations were clarified to refer to published data. Habitat mitigation calculations were updated to reflect modified impacts.
Appendix P Emergency Response Plan	Added information on BESS hazard considerations	Aug-23	Sep-23	Added updated information on lithium ion battery fire hazards and mitigation measures, in accordance with information provided to EFSEC in response to Data Request 9.
Appendix Q Visual Simulations	All visual simulations were updated to remove infrastructure	Aug-23	Sep-23	Wind Turbine, solar array, transmission line, and substation/BESS locations were modified in August 2023 and these changes are reflected through updated visual simulations.
Appendix W Batch Plant Emissions Analysis	New appendix	Jun-23	Sep-23	Added air emissions analysis requested by EFSEC in Data Request 7.
Appendix X Traffic Impact Analysis	New appendix	Sep-23	Sep-23	Added Traffic Impact Analysis requested by EFSEC in Data Request 7.