Habitat Types and Subtypes

- Agricultural land
- Developed/disturbed
- Grassland
  - Non-native Grassland
  - Planted Grassland
  - Unclassified Grassland
- Shrubland
  - Desert Shrub-steppe
  - Sagebrush Shrub-steppe
  - Unclassified Shrubland

Map 1 of 11
BENTON COUNTY, WA

WGS 1984 UTM Zone 11N
1:24,000

NOT FOR CONSTRUCTION
Horse Heaven Wind Project

Habitat Types and Subtypes

Map 5 of 11

BENTON COUNTY, WA

WGS 1984 UTM Zone 11N
1:24,000

Project Lease Boundary
Wind Energy Micrositing Corridor
Option 1 Turbine Layout
Met Tower
Met Tower Access Road
Sellards Road 230-kV Transmission Line (Primary)
Sellards Road 230-kV Transmission Line (Alternate)
County Well Road 230-kV Transmission Line (Primary)
230-kV Intertie Transmission Line (Primary)
O & M Facility
Intersection Improvement Area
Laydown Yard
Project Substation (Primary)
Solar Siting Area
Solar Array
Solar Array Fencing
Solar Array Road
Junction Box
Collection Line
CraneCL
CraneCL_OnRoad
CraneCL_Alt
CraneCL_OnRoad_Alt
RoadCL
RoadCL_Alt

Habitat Types and Subtypes

- Agricultural land
- Developed/disturbed
- Grassland
- Non-native Grassland
- Planted Grassland
- Unclassified Grassland
- Shrubland
- Sagebrush Shrub-steppe
- Unclassified Shrubland

NOT FOR CONSTRUCTION

Reference Map
Horse Heaven Wind Project

Reference Map
BENTON COUNTY, WA

Habitat Types and Subtypes
Map 6 of 11

- Project Lease Boundary
- Wind Energy Micrositing Corridor
- Option 1 Turbine Layout
- 230-kV Intertie Transmission Line (Primary)
- Intersection Improvement Area
- Option 1 Turbine Layout
- 230-kV Intertie Transmission Line (Primary)
- Intersection Improvement Area
- Option 1 Turbine Layout
- 230-kV Intertie Transmission Line (Primary)
- Intersection Improvement Area

Habitat Types and Subtypes
- Agricultural land
- Developed/disturbed
- Grassland
- Eastside (Interior) Grasslands
- Non-native Grassland
- Unclassified Grassland
- Shrubland
- Rabbitbrush Shrubland
- Sagebrush Shrub-steppe
- Unclassified Shrubland

NOT FOR CONSTRUCTION
Table 3.4-1. Habitat Types and Subtypes within the Project Lease Boundary, Micrositing Corridor, and Solar Siting Areas

<table>
<thead>
<tr>
<th>Habitat Type</th>
<th>Habitat Subtype</th>
<th>Project Lease Boundary</th>
<th>Micrositing Corridor</th>
<th>Solar Siting Areas</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Acres</td>
<td>Percent of Project</td>
<td>Acres</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Lease Boundary</td>
<td></td>
</tr>
<tr>
<td>Agricultural land</td>
<td>Agricultural land</td>
<td>53,450</td>
<td>74%</td>
<td>8,636</td>
</tr>
<tr>
<td>Developed/disturbed</td>
<td>Developed/disturbed</td>
<td>836</td>
<td>1%</td>
<td>92</td>
</tr>
<tr>
<td>Grassland</td>
<td>Eastside (Interior) Grassland</td>
<td>174</td>
<td>0.2%</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Non-native grassland</td>
<td>1,636</td>
<td>2%</td>
<td>648</td>
</tr>
<tr>
<td></td>
<td>Planted grassland</td>
<td>4,388</td>
<td>6%</td>
<td>881</td>
</tr>
<tr>
<td></td>
<td>Unclassified grassland1/</td>
<td>6,125</td>
<td>8%</td>
<td>--</td>
</tr>
<tr>
<td>Shrubland</td>
<td>Dwarf shrub-steppe</td>
<td>23</td>
<td>&lt;0.1%</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>Rabbitbrush shrubland</td>
<td>3.038</td>
<td>4%</td>
<td>450</td>
</tr>
<tr>
<td></td>
<td>Sagebrush shrub-steppe</td>
<td>1,372</td>
<td>2%</td>
<td>177</td>
</tr>
<tr>
<td></td>
<td>Unclassified shrubland1/</td>
<td>1,437</td>
<td>2%</td>
<td>--</td>
</tr>
<tr>
<td>Total2/</td>
<td></td>
<td>72,428</td>
<td>100%</td>
<td>10,925</td>
</tr>
</tbody>
</table>

Notes:
1/ Unclassified grassland and unclassified shrubland habitat subtypes include those areas mapped during surveys conducted in
   2018 or using NLCD data that were not further classified into subtypes (e.g., planted grassland, sagebrush shrub-steppe) during
   the 2020 and 2021 field surveys or 2020 desktop analysis.
2/ Totals may not sum exactly due to rounding.
3/ Areas that fall within both the Micrositing Corridor and the Solar Siting Areas (e.g., wind-associated collection lines that pass through the
   Solar Siting Areas) are included only in the total acres listed for the Solar Siting Areas.

Note: Total acres within Micrositing Corridor changed because the original tables inadvertently double-counted a small portion of the Solar
   Siting Area (i.e., a small portion of the Solar Siting Area was also included in the acreages for the Micrositing Corridor)
### Table 3.4-14. Estimated Impacts on Habitat Types from Construction and Operation of the Project

<table>
<thead>
<tr>
<th>Habitat Subtype</th>
<th>Micrositing Corridor</th>
<th>Solar Siting Areas</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Temporary Impact</td>
<td>Permanent Impact</td>
<td>Temporary Impact</td>
</tr>
<tr>
<td></td>
<td>(Acres)¹/</td>
<td>(Acres)¹/</td>
<td>(Acres)²/</td>
</tr>
<tr>
<td>Agricultural land</td>
<td>2,269</td>
<td>252</td>
<td>55</td>
</tr>
<tr>
<td>Developed/disturbed</td>
<td>21</td>
<td>2</td>
<td>0.01</td>
</tr>
<tr>
<td>Grassland</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eastside (Interior) Grassland</td>
<td>15</td>
<td>--</td>
<td>2</td>
</tr>
<tr>
<td>Non-native grassland</td>
<td>136</td>
<td>11</td>
<td>1</td>
</tr>
<tr>
<td>Planted grassland</td>
<td>259</td>
<td>21</td>
<td>4</td>
</tr>
<tr>
<td>Shrubland</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dwarf shrub-steppe</td>
<td>9</td>
<td>1</td>
<td>--</td>
</tr>
<tr>
<td>Rabbitbrush shrubland</td>
<td>141</td>
<td>11</td>
<td>13</td>
</tr>
<tr>
<td>Sagebrush shrub-steppe</td>
<td>31</td>
<td>1</td>
<td>0.1</td>
</tr>
<tr>
<td>Total</td>
<td>2,881</td>
<td>299</td>
<td>76</td>
</tr>
</tbody>
</table>

Notes:
1/ Overlapping permanent disturbance is subtracted from temporary impact corridors/areas (e.g., temporary impact area around a Turbine does not include the Turbine foundation and graveled areas); those are included only in the permanent impact column.
2/ Temporary impacts associated with solar facilities include a 10-foot construction buffer along the outside of the solar fencelines. Permanent impacts include the solar inverters and new access roads within the solar siting areas. Modified impacts are associated with the solar arrays and include those areas within the solar fencelines that are outside areas of permanent impact. Following construction, low growing vegetation would be planted under and between the solar arrays; therefore, these impacts would be considered a modification of habitat versus a temporary or permanent impact.
3/ Totals may not sum exactly due to rounding.