Appendix E – Site Maps
Great Plains Site Maps
<table>
<thead>
<tr>
<th><strong>Site Name:</strong> East Bench Lateral 27.9</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>State:</strong> MT</td>
</tr>
<tr>
<td><strong>Irrigation District:</strong> East Bench Unit</td>
</tr>
<tr>
<td><strong># Months of Operation:</strong> 5</td>
</tr>
<tr>
<td><strong>Head (ft):</strong> 16</td>
</tr>
<tr>
<td><strong>Flow (cfs):</strong> 8</td>
</tr>
<tr>
<td><strong>Capacity (kW):</strong> 8</td>
</tr>
<tr>
<td><strong>Annual Energy (MWh):</strong> 21</td>
</tr>
</tbody>
</table>
Site Name: East Bench Lateral 27.9
State: MT
Irrigation District: East Bench Unit
# Months of Operation: 5

Head (ft): 16
Flow (cfs): 8
Capacity (kW): 8
Annual Energy (MWh): 21
<table>
<thead>
<tr>
<th><strong>Site Name:</strong></th>
<th>East Bench Lateral 41.2</th>
<th><strong>Head (ft):</strong></th>
<th>61</th>
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<tbody>
<tr>
<td><strong>State:</strong></td>
<td>MT</td>
<td><strong>Flow (cfs):</strong></td>
<td>25</td>
</tr>
<tr>
<td><strong>Irrigation District:</strong></td>
<td>East Bench Unit</td>
<td><strong>Capacity (kW):</strong></td>
<td>93</td>
</tr>
<tr>
<td><strong># Months of Operation:</strong></td>
<td>6</td>
<td><strong>Annual Energy (MWh):</strong></td>
<td>313</td>
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</table>
Site Name: East Bench Lateral 41.2
State: MT
Irrigation District: East Bench Unit
# Months of Operation: 6

Head (ft): 61
Flow (cfs): 25
Capacity (kW): 93
Annual Energy (MWh): 313
<table>
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<tr>
<th><strong>Site Name:</strong> Helena Valley Drop into Regulating Reservoir</th>
<th><strong>Head (ft):</strong> 10</th>
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<tbody>
<tr>
<td><strong>State:</strong> MT</td>
<td><strong>Flow (cfs):</strong> 279</td>
</tr>
<tr>
<td><strong>Irrigation District:</strong> Helena Valley Unit</td>
<td><strong>Capacity (kW):</strong> 199</td>
</tr>
<tr>
<td><strong># Months of Operation:</strong> 6</td>
<td><strong>Annual Energy (MWh):</strong> 645</td>
</tr>
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</table>
**Site Name:** Helena Valley Drop into Regulating Reservoir  
**State:** MT  
**Irrigation District:** Helena Valley Unit  
**# Months of Operation:** 6

- **Head (ft):** 10  
- **Flow (cfs):** 279  
- **Capacity (kW):** 199  
- **Annual Energy (MWh):** 645
Site Name: Helena Valley Lateral
State: MT
Irrigation District: Helena Valley Unit
# Months of Operation: 6

Head (ft): 47
Flow (cfs): 17
Capacity (kW): 47
Annual Energy (MWh): 189
Site Name: Helena Valley Lateral
11.9
State: MT
Irrigation District: Helena Valley Unit
# Months of Operation: 6

Head (ft): 47
Flow (cfs): 17
Capacity (kW): 47
Annual Energy (MWh): 189
**Site Name:** Helena Valley Lateral
**State:** MT
**Irrigation District:** Helena Valley Unit
**# Months of Operation:** 6

- **Head (ft):** 25
- **Flow (cfs):** 60
- **Capacity (kW):** 91
- **Annual Energy (MWh):** 342

![Object ID 5](image-url)
Site Name: Helena Valley Lateral
Head (ft): 25
Flow (cfs): 60
State: MT
Capacity (kW): 91
Irrigation District: Helena Valley Unit
Annual Energy (MWh): 342
# Months of Operation: 6
Site Name: Helena Valley Lateral
State: MT
Irrigation District: Helena Valley Unit
# Months of Operation: 6

Head (ft): 31
Flow (cfs): 25
Capacity (kW): 47
Annual Energy (MWh): 189
**Site Name:** Helena Valley Lateral

20.7

**State:** MT

**Irrigation District:** Helena Valley Unit

# Months of Operation: 6

---

**Head (ft):** 31

**Flow (cfs):** 25

**Capacity (kW):** 47

**Annual Energy (MWh):** 189
Great Plains Maps

**Site Name:** Helena Valley Lateral  
32.6  
**State:** MT  
**Irrigation District:** Helena Valley Unit  
**# Months of Operation:** 6

- **Head (ft):** 47  
- **Flow (cfs):** 10  
- **Capacity (kW):** 29  
- **Annual Energy (MWh):** 102
Site Name: Helena Valley Lateral
32.6
State: MT
Irrigation District: Helena Valley Unit
# Months of Operation: 6

Head (ft): 47
Flow (cfs): 10
Capacity (kW): 29
Annual Energy (MWh): 102
Site Name: Couts Drop
State: MT
Irrigation District: Huntley
# Months of Operation: 6

Head (ft): 38
Flow (cfs): 150
Capacity (kW): 412
Annual Energy (MWh): 1,640
Site Name: Couts Drop
State: MT
Irrigation District: Huntley
# Months of Operation: 6

Head (ft): 38
Flow (cfs): 150
Capacity (kW): 412
Annual Energy (MWh): 1,640
Site Name: Rod McCoy Drop
State: MT
Irrigation District: Huntley
# Months of Operation: 5

Head (ft): 17
Flow (cfs): 25
Capacity (kW): 26
Annual Energy (MWh): 71
Site Name: Rod McCoy Drop
State: MT
Irrigation District: Huntley
# Months of Operation: 5

Head (ft): 17
Flow (cfs): 25
Capacity (kW): 26
Annual Energy (MWh): 71
Site Name: Lower Yellowstone
Lateral C4
State: MT
Irrigation District: Lower Yellowstone

# Months of Operation: 5
Head (ft): 16
Flow (cfs): 15
Capacity (kW): 15
Annual Energy (MWh): 46
Site Name: Lower Yellowstone  
Lateral C4
State: MT  
Irrigation District: Lower Yellowstone

# Months of Operation: 5
Head (ft): 16
Flow (cfs): 15
Capacity (kW): 15
Annual Energy (MWh): 46
Site Name: Lower Yellowstone  
Lateral D  
State: MT  
Irrigation District: Lower Yellowstone

# Months of Operation: 5  
Head (ft): 15  
Flow (cfs): 20  
Capacity (kW): 18  
Annual Energy (MWh): 59
Site Name: Lower Yellowstone
State: MT
Irrigation District: Lower Yellowstone

# Months of Operation: 5
Head (ft): 15
Flow (cfs): 20
Capacity (kW): 18
Annual Energy (MWh): 59
Site Name: Lower Yellowstone
Lateral D6
State: MT
Irrigation District: Lower Yellowstone

# Months of Operation: 5
Head (ft): 16
Flow (cfs): 8
Capacity (kW): 8
Annual Energy (MWh): 27
**Site Name:** Lower Yellowstone  
**State:** MT  
**Irrigation District:** Lower Yellowstone  
**# Months of Operation:** 5  
**Head (ft):** 16  
**Flow (cfs):** 8  
**Capacity (kW):** 8  
**Annual Energy (MWh):** 27
Site Name: Lower Yellowstone
Lateral F
State: MT
Irrigation District: Lower Yellowstone

# Months of Operation: 5
Head (ft): 25
Flow (cfs): 45
Capacity (kW): 69
Annual Energy (MWh): 236
Site Name: Lower Yellowstone
Lateral F
State: MT
Irrigation District: Lower Yellowstone

# Months of Operation: 5
Head (ft): 25
Flow (cfs): 45
Capacity (kW): 69
Annual Energy (MWh): 236
Site Name: Lower Yellowstone
Lateral H
State: MT
Irrigation District: Lower Yellowstone

# Months of Operation: 5
Head (ft): 25
Flow (cfs): 25
Capacity (kW): 38
Annual Energy (MWh): 121
Site Name: Lower Yellowstone
Lateral H
State: MT
Irrigation District: Lower Yellowstone

# Months of Operation: 5
Head (ft): 25
Flow (cfs): 25
Capacity (kW): 38
Annual Energy (MWh): 121
Site Name: Lower Yellowstone
Lateral N
State: MT
Irrigation District: Lower Yellowstone

# Months of Operation: 5
Head (ft): 41
Flow (cfs): 25
Capacity (kW): 62
Annual Energy (MWh): 198
**Site Name:** Lower Yellowstone  
**State:** MT  
**Irrigation District:** Lower Yellowstone  
**# Months of Operation:** 5  
**Head (ft):** 41  
**Flow (cfs):** 25  
**Capacity (kW):** 62  
**Annual Energy (MWh):** 198
Site Name: Lower Yellowstone  
Lateral PP 1st & 2nd Drops  
State: MT  
Irrigation District: Lower Yellowstone  

# Months of Operation: 5  
Head (ft): 26  
Flow (cfs): 35  
Capacity (kW): 55  
Annual Energy (MWh): 138
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<th><strong>Site Name:</strong> Lower Yellowstone</th>
<th><strong># Months of Operation:</strong> 5</th>
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<tbody>
<tr>
<td>Lateral PP 1&lt;sup&gt;st&lt;/sup&gt; &amp; 2&lt;sup&gt;nd&lt;/sup&gt; Drops</td>
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<td><strong>State:</strong> MT</td>
<td>Flow (cfs): 35</td>
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<tr>
<td><strong>Irrigation District:</strong> Lower Yellowstone</td>
<td>Capacity (kW): 55</td>
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<td>Annual Energy (MWh): 138</td>
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</table>
Site Name: Lower Yellowstone
Lateral PP5
State: MT
Irrigation District: Lower Yellowstone

# Months of Operation: 5
Head (ft): 13
Flow (cfs): 12
Capacity (kW): 10
Annual Energy (MWh): 29
Site Name: Lower Yellowstone
Lateral PP5
State: MT
Irrigation District: Lower Yellowstone

# Months of Operation: 5
Head (ft): 13
Flow (cfs): 12
Capacity (kW): 10
Annual Energy (MWh): 29
Site Name: Nelson North  
State: MT  
Irrigation District: Milk River  
# Months of Operation: 6  

Head (ft): 46  
Flow (cfs): 50  
Capacity (kW): 140  
Annual Energy (MWh): 222
Site Name: Nelson North
State: MT
Irrigation District: Milk River
# Months of Operation: 6

Head (ft): 46
Flow (cfs): 50
Capacity (kW): 140
Annual Energy (MWh): 222
<table>
<thead>
<tr>
<th>Site Name</th>
<th>Nelson North</th>
<th>Head (ft)</th>
<th>46</th>
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<tbody>
<tr>
<td>State</td>
<td>MT</td>
<td>Flow (cfs)</td>
<td>50</td>
</tr>
<tr>
<td>Irrigation District</td>
<td>Milk River</td>
<td>Capacity (kW)</td>
<td>140</td>
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<tr>
<td># Months of Operation</td>
<td>6</td>
<td>Annual Energy (MWh)</td>
<td>222</td>
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Site Name: Savage Unit Lateral 1.9
State: MT
Irrigation District: Savage
# Months of Operation: 5
Head (ft): 15
Flow (cfs): 8
Capacity (kW): 7
Annual Energy (MWh): 24
<table>
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<th>Site Name</th>
<th>Savage Unit Lateral 1.9</th>
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<td>Flow (cfs)</td>
<td>8</td>
</tr>
<tr>
<td>Irrigation District</td>
<td>Savage</td>
<td>Capacity (kW)</td>
<td>7</td>
</tr>
<tr>
<td># Months of Operation</td>
<td>5</td>
<td>Annual Energy (MWh)</td>
<td>24</td>
</tr>
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</table>
Site Name: Lateral 5.7 1st  
State: MT  
Irrigation District: Savage  
# Months of Operation: 5  

Head (ft): 13  
Flow (cfs): 8  
Capacity (kW): 6  
Annual Energy (MWh): 21
Site Name: Lateral 5.7 1st
State: MT
Irrigation District: Savage
# Months of Operation: 5

Head (ft): 13
Flow (cfs): 8
Capacity (kW): 6
Annual Energy (MWh): 21
<table>
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<tr>
<th>Site Name</th>
<th>Lateral 5.7 2nd</th>
<th>Head (ft)</th>
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<td>MT</td>
<td>Flow (cfs)</td>
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</tr>
<tr>
<td>Irrigation District</td>
<td>Savage</td>
<td>Capacity (kW)</td>
<td>5</td>
</tr>
<tr>
<td># Months of Operation</td>
<td>5</td>
<td>Annual Energy (MWh)</td>
<td>16</td>
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![Object ID 21](image-url)
<table>
<thead>
<tr>
<th>Site Name</th>
<th>Lateral 5.7 2nd</th>
<th>Head (ft)</th>
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<td>State</td>
<td>MT</td>
<td>Flow (cfs)</td>
<td>8</td>
</tr>
<tr>
<td>Irrigation District</td>
<td>Savage</td>
<td>Capacity (kW)</td>
<td>5</td>
</tr>
<tr>
<td># Months of Operation</td>
<td>5</td>
<td>Annual Energy (MWh)</td>
<td>16</td>
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</table>
Site Name: Ft Shaw A-drop
State: MT
Irrigation District: Sun River Ft Shaw
# Months of Operation: 7

Head (ft): 45
Flow (cfs): 90
Capacity (kW): 286
Annual Energy (MWh): 1,092
<table>
<thead>
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<th>Site Name</th>
<th>Head (ft): 45</th>
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<tbody>
<tr>
<td>State</td>
<td>Flow (cfs): 90</td>
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<tr>
<td>Irrigation District</td>
<td>Capacity (kW): 286</td>
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<tr>
<td># Months of Operation</td>
<td>Annual Energy (MWh): 1,092</td>
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</table>
Site Name: Ft Shaw C-drop
State: MT
Irrigation District: Sun River Ft Shaw
Head (ft): 59
Flow (cfs): 20
Capacity (kW): 72
# Months of Operation: 7
Annual Energy (MWh): 287
<table>
<thead>
<tr>
<th>Site Name: Ft Shaw C-drop</th>
<th>Head (ft): 59</th>
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<tbody>
<tr>
<td>State: MT</td>
<td>Flow (cfs): 20</td>
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<tr>
<td>Irrigation District: Sun River Ft Shaw</td>
<td>Capacity (kW): 72</td>
</tr>
<tr>
<td># Months of Operation: 7</td>
<td>Annual Energy (MWh): 287</td>
</tr>
</tbody>
</table>
Site Name: Sequest Check to A-drop
State: MT
Irrigation District: Sun River Ft Shaw
# Months of Operation: 7

Head (ft): 62
Flow (cfs): 70
Capacity (kW): 314
Annual Energy (MWh): 1,359
Site Name: Sequest Check to A-drop
State: MT
Irrigation District: Sun River Ft Shaw
# Months of Operation: 7

Head (ft): 62
Flow (cfs): 70
Capacity (kW): 314
Annual Energy (MWh): 1,359
| Site Name: | Arnold Coulee Drop, Pishkun Canal |
| State: | MT |
| Irrigation District: | Sun River Greenfields |
| # Months of Operation: | 6 |
| Head (ft): | 36 |
| Flow (cfs): | 1,251 |
| Capacity (kW): | 3,246 |
| Annual Energy (MWh): | 8,031 |

**Map Image:**
Object ID 26 A

GP 50 of 341
Site Name: Arnold Coulee Drop, Pishkun Canal
State: MT
Irrigation District: Sun River Greenfields

# Months of Operation: 6
Head (ft): 36
Flow (cfs): 1,251
Capacity (kW): 3,246
Annual Energy (MWh): 8,031
<table>
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<tr>
<th><strong>Site Name:</strong> Pishkun Res Inlet Drop</th>
<th><strong>Head (ft):</strong> 36</th>
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</thead>
<tbody>
<tr>
<td><strong>State:</strong> MT</td>
<td><strong>Flow (cfs):</strong> 1,251</td>
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<tr>
<td><strong>Irrigation District:</strong> Sun River</td>
<td><strong>Capacity (kW):</strong> 3,174</td>
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<tr>
<td>Greenfields</td>
<td><strong>Annual Energy (MWh):</strong> 6,760</td>
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<tr>
<td><strong># Months of Operation:</strong> 6</td>
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</tr>
</tbody>
</table>
Site Name: Pishkun Res Inlet Drop  
State: MT  
Irrigation District: Sun River Greenfields  
# Months of Operation: 6

Head (ft): 36  
Flow (cfs): 1,251  
Capacity (kW): 3,174  
Annual Energy (MWh): 6,760
Site Name: GM 47 Drop
State: MT
Irrigation District: Sun River
Greenfields
# Months of Operation: 4

Head (ft): 81
Flow (cfs): 5
Capacity (kW): 25
Annual Energy (MWh): 69
Site Name: GM 47 Drop
State: MT
Irrigation District: Sun River
Greenfields
# Months of Operation: 4

Head (ft): 81
Flow (cfs): 5
Capacity (kW): 25
Annual Energy (MWh): 69
Site Name: Lower Ashlot Drop
State: MT
Irrigation District: Sun River Greenfields
# Months of Operation: 5

Head (ft): 22
Flow (cfs): 70
Capacity (kW): 110
Annual Energy (MWh): 346
Site Name: Lower Ashlot Drop  
State: MT  
Irrigation District: Sun River Greenfields  
# Months of Operation: 5  

Head (ft): 22  
Flow (cfs): 70  
Capacity (kW): 110  
Annual Energy (MWh): 346
<table>
<thead>
<tr>
<th><strong>Site Name:</strong></th>
<th>Middle Ashlot Drop</th>
<th><strong>Head (ft):</strong></th>
<th>42</th>
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</thead>
<tbody>
<tr>
<td><strong>State:</strong></td>
<td>MT</td>
<td><strong>Flow (cfs):</strong></td>
<td>70</td>
</tr>
<tr>
<td><strong>Irrigation District:</strong></td>
<td>Sun River</td>
<td><strong>Capacity (kW):</strong></td>
<td>213</td>
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<td></td>
<td>Greenfields</td>
<td><strong>Annual Energy (MWh):</strong></td>
<td>666</td>
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<tr>
<td><strong># Months of Operation:</strong></td>
<td>5</td>
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</tr>
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</table>

![Object ID 30 A](image-url)
**Site Name:** Middle Ashlot Drop
**State:** MT
**Irrigation District:** Sun River Greenfields
**# Months of Operation:** 5

**Head (ft):** 42
**Flow (cfs):** 70
**Capacity (kW):** 213
**Annual Energy (MWh):** 666
Great Plains Maps

Site Name: Old SRS Drop
State: MT
Irrigation District: Sun River
Greenfields
# Months of Operation: 5

Head (ft): 125
Flow (cfs): 8
Capacity (kW): 61
Annual Energy (MWh): 199
Site Name: Old SRS Drop
State: MT
Irrigation District: Sun River
Greenfields
# Months of Operation: 5

Head (ft): 125
Flow (cfs): 8
Capacity (kW): 61
Annual Energy (MWh): 199
Site Name: Upper Ashlot Drop
State: MT
Irrigation District: Sun River
Greenfields
# Months of Operation: 5

Head (ft): 115
Flow (cfs): 70
Capacity (kW): 582
Annual Energy (MWh): 1,824
Site Name: Upper Ashlot Drop
State: MT
Irrigation District: Sun River Greenfields
# Months of Operation: 5

Head (ft): 115
Flow (cfs): 70
Capacity (kW): 582
Annual Energy (MWh): 1,824
Site Name: Ainsworth: 1375+00
State: NE
Irrigation District: Ainsworth
# Months of Operation: 5

Head (ft): 8
Flow (cfs): 241
Capacity (kW): 119
Annual Energy (MWh): 239
<table>
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<tr>
<th><strong>Site Name:</strong></th>
<th>Ainsworth: 1375+00</th>
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<tr>
<td><strong>State:</strong></td>
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<tr>
<td><strong>Irrigation District:</strong></td>
<td>Ainsworth</td>
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<tr>
<td><strong># Months of Operation:</strong></td>
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<td><strong>Head (ft):</strong></td>
<td>8</td>
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<tr>
<td><strong>Flow (cfs):</strong></td>
<td>241</td>
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<tr>
<td><strong>Capacity (kW):</strong></td>
<td>119</td>
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<tr>
<td><strong>Annual Energy (MWh):</strong></td>
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<tr>
<td>Site Name: Ainsworth: 1437+08</td>
<td>Head (ft): 5</td>
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<tr>
<td>State: NE</td>
<td>Flow (cfs): 241</td>
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<tr>
<td>Irrigation District: Ainsworth</td>
<td>Capacity (kW): 72</td>
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<td># Months of Operation: 5</td>
<td>Annual Energy (MWh): 145</td>
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**Site Name:** Ainsworth: 1437+08  
**State:** NE  
**Irrigation District:** Ainsworth  
**# Months of Operation:** 5

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<th>Parameter</th>
<th>Value</th>
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<td>Head (ft)</td>
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<td>Flow (cfs)</td>
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<tr>
<td>Capacity (kW)</td>
<td>72</td>
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<td>Annual Energy (MWh)</td>
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Site Name: Ainsworth: 1510+60
State: NE
Irrigation District: Ainsworth
# Months of Operation: 5

Head (ft): 4
Flow (cfs): 241
Capacity (kW): 60
Annual Energy (MWh): 121
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![Object ID 37](image)
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<th><strong>Site Name:</strong> Ainsworth: 1590+50</th>
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<td><strong># Months of Operation:</strong> 5</td>
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![Object ID 38](image)
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<td><strong>Irrigation District:</strong></td>
<td>Ainsworth</td>
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<tr>
<td><strong># Months of Operation:</strong></td>
<td>5</td>
</tr>
<tr>
<td><strong>Head (ft):</strong></td>
<td>5</td>
</tr>
<tr>
<td><strong>Flow (cfs):</strong></td>
<td>241</td>
</tr>
<tr>
<td><strong>Capacity (kW):</strong></td>
<td>74</td>
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<tr>
<td><strong>Annual Energy (MWh):</strong></td>
<td>150</td>
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Site Name: Ainsworth: 1633+50
State: NE
Irrigation District: Ainsworth
# Months of Operation: 5

Head (ft): 5
Flow (cfs): 241
Capacity (kW): 75
Annual Energy (MWh): 150
<table>
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<th><strong>Head (ft):</strong> 5</th>
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<tr>
<td><strong>State:</strong> NE</td>
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<td><strong>Irrigation District:</strong> Ainsworth</td>
<td><strong>Capacity (kW):</strong> 75</td>
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<tr>
<td><strong># Months of Operation:</strong> 5</td>
<td><strong>Annual Energy (MWh):</strong> 150</td>
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<tr>
<td><strong>Site Name:</strong></td>
<td>Ainsworth: 1687+00</td>
</tr>
<tr>
<td>---------------</td>
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<tr>
<td><strong>State:</strong></td>
<td>NE</td>
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<tr>
<td><strong>Irrigation District:</strong></td>
<td>Ainsworth</td>
</tr>
<tr>
<td><strong># Months of Operation:</strong></td>
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<tr>
<td><strong>Head (ft):</strong></td>
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<tr>
<td><strong>Flow (cfs):</strong></td>
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<tr>
<td><strong>Capacity (kW):</strong></td>
<td>60</td>
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<tr>
<td><strong>Annual Energy (MWh):</strong></td>
<td>120</td>
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Site Name: Ainsworth: 1687+00
State: NE
Irrigation District: Ainsworth
# Months of Operation: 5
Head (ft): 4
Flow (cfs): 241
Capacity (kW): 60
Annual Energy (MWh): 120
Site Name: Ainsworth: 1722+00
State: NE
Irrigation District: Ainsworth
# Months of Operation: 5

Head (ft): 6
Flow (cfs): 241
Capacity (kW): 89
Annual Energy (MWh): 180
Site Name: Ainsworth: 1722+00  
State: NE  
Irrigation District: Ainsworth  
# Months of Operation: 5  

Head (ft): 6  
Flow (cfs): 241  
Capacity (kW): 89  
Annual Energy (MWh): 180
<table>
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<th><strong>Head (ft)</strong>: 10</th>
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<td><strong>State</strong>: NE</td>
<td><strong>Flow (cfs)</strong>: 241</td>
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<td><strong>Irrigation District</strong>: Ainsworth</td>
<td><strong>Capacity (kW)</strong>: 141</td>
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<td><strong># Months of Operation</strong>: 5</td>
<td><strong>Annual Energy (MWh)</strong>: 283</td>
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Site Name: Ainsworth: 1846+00
State: NE
Irrigation District: Ainsworth
# Months of Operation: 5

Head (ft): 10
Flow (cfs): 241
Capacity (kW): 141
Annual Energy (MWh): 283
**Site Name:** Ainsworth: 1858+57  
**State:** NE  
**Irrigation District:** Ainsworth  
**# Months of Operation:** 5

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<td>Capacity (kW)</td>
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<td>Annual Energy (MWh)</td>
<td>165</td>
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Site Name: Ainsworth: 1858+57
State: NE
Irrigation District: Ainsworth
# Months of Operation: 5

Head (ft): 6
Flow (cfs): 241
Capacity (kW): 82
Annual Energy (MWh): 165
Site Name: Ainsworth: 1913+47
State: NE
Irrigation District: Ainsworth
# Months of Operation: 5

Head (ft): 6
Flow (cfs): 241
Capacity (kW): 89
Annual Energy (MWh): 179
**Site Name:** Ainsworth: 1913+47  
**State:** NE  
**Irrigation District:** Ainsworth  
**# Months of Operation:** 5  

**Head (ft):** 6  
**Flow (cfs):** 241  
**Capacity (kW):** 89  
**Annual Energy (MWh):** 179
**Site Name:** Ainsworth: 2023+00  
**State:** NE  
**Irrigation District:** Ainsworth  
**# Months of Operation:** 5  

**Head (ft):** 9  
**Flow (cfs):** 241  
**Capacity (kW):** 137  
**Annual Energy (MWh):** 275
Site Name: Ainsworth: 2023+00
State: NE
Irrigation District: Ainsworth
# Months of Operation: 5

Head (ft): 9
Flow (cfs): 241
Capacity (kW): 137
Annual Energy (MWh): 275
Site Name: Ainsworth: 2231+00  
State: NE  
Irrigation District: Ainsworth  
# Months of Operation: 5  
Head (ft): 12  
Flow (cfs): 241  
Capacity (kW): 178  
Annual Energy (MWh): 358
Site Name: Ainsworth: 2231+00  
State: NE  
Irrigation District: Ainsworth  
# Months of Operation: 5  

Head (ft): 12  
Flow (cfs): 241  
Capacity (kW): 178  
Annual Energy (MWh): 358
Site Name: Ainsworth: 2358+00
State: NE
Irrigation District: Ainsworth
# Months of Operation: 5
Head (ft): 11
Flow (cfs): 241
Capacity (kW): 156
Annual Energy (MWh): 314
Site Name: Ainsworth: 2358+00  
State: NE  
Irrigation District: Ainsworth  
# Months of Operation: 5  
Head (ft): 11  
Flow (cfs): 241  
Capacity (kW): 156  
Annual Energy (MWh): 314
| **Site Name:** Ainsworth: 2414+00 | **Head (ft):** 13 |
| **State:** NE | **Flow (cfs):** 241 |
| **Irrigation District:** Ainsworth | **Capacity (kW):** 192 |
| **# Months of Operation:** 5 | **Annual Energy (MWh):** 386 |

![Object ID 48](image)
Site Name: Ainsworth: 2414+00
State: NE
Irrigation District: Ainsworth
# Months of Operation: 5

Head (ft): 13
Flow (cfs): 241
Capacity (kW): 192
Annual Energy (MWh): 386
**Site Name:** Ainsworth: 2466+00  
**State:** NE  
**Irrigation District:** Ainsworth  
**# Months of Operation:** 5

**Head (ft):** 13  
**Flow (cfs):** 241  
**Capacity (kW):** 196  
**Annual Energy (MWh):** 394
Site Name: Ainsworth: 2466+00
State: NE
Irrigation District: Ainsworth
# Months of Operation: 5

Head (ft): 13
Flow (cfs): 241
Capacity (kW): 196
Annual Energy (MWh): 394
Site Name: Ainsworth: 2540+32  
State: NE  
Irrigation District: Ainsworth  
# Months of Operation: 5  

Head (ft): 6  
Flow (cfs): 241  
Capacity (kW): 91  
Annual Energy (MWh): 183
Site Name: Ainsworth: 2540+32
State: NE
Irrigation District: Ainsworth
# Months of Operation: 5
Head (ft): 6
Flow (cfs): 241
Capacity (kW): 91
Annual Energy (MWh): 183
Site Name: Cambridge: 798+21.7
State: NE
Irrigation District: Frenchman Valley
# Months of Operation: 5

Head (ft): 15
Flow (cfs): 211
Capacity (kW): 84
Annual Energy (MWh): 180
Site Name: Cambridge: 798+21.7  
State: NE  
Irrigation District: Frenchman Valley  
# Months of Operation: 5  

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<tr>
<th>Head (ft):</th>
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<tr>
<td>Flow (cfs):</td>
<td>211</td>
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<tr>
<td>Capacity (kW):</td>
<td>84</td>
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<tr>
<td>Annual Energy (MWh):</td>
<td>180</td>
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Object ID 51
**Site Name:** Cambridge: 897+38  
**State:** NE  
**Irrigation District:** Frenchman Valley  
**# Months of Operation:** 5

**Head (ft):** 8  
**Flow (cfs):** 211  
**Capacity (kW):** 44  
**Annual Energy (MWh):** 95
Site Name: Cambridge: 897+38
State: NE
Irrigation District: Frenchman Valley
# Months of Operation: 5

Head (ft): 8
Flow (cfs): 211
Capacity (kW): 44
Annual Energy (MWh): 95
Site Name: Cambridge: 1143.91
State: NE
Irrigation District: Frenchman Valley
# Months of Operation: 5

Head (ft): 6
Flow (cfs): 211
Capacity (kW): 35
Annual Energy (MWh): 75
Site Name: Cambridge: 897+38
State: NE
Irrigation District: Frenchman Valley
# Months of Operation: 5

Head (ft): 8
Flow (cfs): 211
Capacity (kW): 44
Annual Energy (MWh): 95
Site Name: Cambridge: 1348+20
State: NE
Irrigation District: Frenchman Valley
# Months of Operation: 5

Head (ft): 6
Flow (cfs): 211
Capacity (kW): 34
Annual Energy (MWh): 72
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<thead>
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<th>Head (ft): 6</th>
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<tr>
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<td>Flow (cfs): 211</td>
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<tr>
<td>Irrigation District: Frenchman Valley</td>
<td>Capacity (kW): 34</td>
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<tr>
<td># Months of Operation: 5</td>
<td>Annual Energy (MWh): 72</td>
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<tr>
<td>Site Name</td>
<td>Cambridge: 1404+00</td>
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<tr>
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<tr>
<td>State</td>
<td>NE</td>
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<tr>
<td>Irrigation District</td>
<td>Frenchman Valley</td>
</tr>
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<td># Months of Operation</td>
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</tr>
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</table>
Site Name: Cambridge: 1404+00
State: NE
Irrigation District: Frenchman Valley
# Months of Operation: 5

Head (ft): 6
Flow (cfs): 211
Capacity (kW): 35
Annual Energy (MWh): 74
Site Name: Cambridge: 1408+50
State: NE
Irrigation District: Frenchman Valley
Head (ft): 6
Flow (cfs): 211
Capacity (kW): 35
# Months of Operation: 5
Annual Energy (MWh): 74
| **Site Name:** Cambridge: 1408+50 | **Head (ft):** 6 |
| **State:** NE | **Flow (cfs):** 211 |
| **Irrigation District:** Frenchman Valley | **Capacity (kW):** 35 |
| **# Months of Operation:** 5 | **Annual Energy (MWh):** 74 |
Site Name: Mirdan: 2083+00
State: NE
Irrigation District: Twin Loups
# Months of Operation: 6

Head (ft): 27
Flow (cfs): 333
Capacity (kW): 654
Annual Energy (MWh): 1,873
Site Name: Mirdan: 2083+00
State: NE
Irrigation District: Twin Loups
# Months of Operation: 6

Head (ft): 27
Flow (cfs): 333
Capacity (kW): 654
Annual Energy (MWh): 1,873
Site Name: Mirdan: 2310+60  
State: NE  
Irrigation District: Twin Loups  
# Months of Operation: 6  
Head (ft): 25  
Flow (cfs): 333  
Capacity (kW): 590  
Annual Energy (MWh): 1,689
Site Name: Mirdan: 2310+60
State: NE
Irrigation District: Twin Loups
# Months of Operation: 6

Head (ft): 25
Flow (cfs): 333
Capacity (kW): 590
Annual Energy (MWh): 1,689
**Site Name:** Mirdan: 2509+50  
**State:** NE  
**Irrigation District:** Twin Loups  
**# Months of Operation:** 6

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
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<td><strong>Flow (cfs):</strong></td>
<td>333</td>
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<tr>
<td><strong>Capacity (kW):</strong></td>
<td>282</td>
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<td><strong>Annual Energy (MWh):</strong></td>
<td>806</td>
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</table>
Site Name: Mirdan: 2509+50
State: NE
Irrigation District: Twin Loups
# Months of Operation: 6

Head (ft): 12
Flow (cfs): 333
Capacity (kW): 282
Annual Energy (MWh): 806
<table>
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<th>Site Name: Mirdan: 2541+00</th>
<th>Head (ft): 62</th>
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<tbody>
<tr>
<td>State: NE</td>
<td>Flow (cfs): 333</td>
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<tr>
<td>Irrigation District: Twin Loups</td>
<td>Capacity (kW): 1,466</td>
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<tr>
<td># Months of Operation: 6</td>
<td>Annual Energy (MWh): 4,199</td>
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Site Name: Mirdan: 2541+00
State: NE
Irrigation District: Twin Loups
# Months of Operation: 6

Head (ft): 62
Flow (cfs): 333
Capacity (kW): 1,466
Annual Energy (MWh): 4,199
<p>| Site Name: Johnson/256 Lateral: 177+00 | Head (ft): 13 |
| State: WY | Flow (cfs): 91 |
| Irrigation District: Casper Alcova | Capacity (kW): 72 |
| # Months of Operation: 5 | Annual Energy (MWh): 184 |</p>
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<thead>
<tr>
<th>Site Name: Johnson/256 Lateral: 177+00</th>
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<tr>
<td>State: WY</td>
<td>Flow (cfs): 91</td>
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<tr>
<td>Irrigation District: Casper Alcova</td>
<td>Capacity (kW): 72</td>
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<tr>
<td># Months of Operation: 5</td>
<td>Annual Energy (MWh): 184</td>
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**Site Name:** Johnson/256 Lateral: 218+50

**State:** WY

**Irrigation District:** Casper Alcova

**# Months of Operation:** 5

**Head (ft):** 14

**Flow (cfs):** 91

**Capacity (kW):** 75

**Annual Energy (MWh):** 192
| **Site Name:** Johnson/256 Lateral: 218+50 | **Head (ft):** 14  |
| **State:** WY | **Flow (cfs):** 91 |
| **Irrigation District:** Casper Alcova | **Capacity (kW):** 75 |
| **# Months of Operation:** 5 | **Annual Energy (MWh):** 192 |

![Map of the site](image-url)
Site Name: Johnson/256 Lateral: 227+00  
State: WY  
Irrigation District: Casper Alcova  
# Months of Operation: 5  

Head (ft): 14  
Flow (cfs): 91  
Capacity (kW): 76  
Annual Energy (MWh): 195
Site Name: Johnson/256 Lateral: 227+00
State: WY
Irrigation District: Casper Alcova
# Months of Operation: 5

Head (ft): 14
Flow (cfs): 91
Capacity (kW): 76
Annual Energy (MWh): 195
<table>
<thead>
<tr>
<th><strong>Site Name:</strong></th>
<th>Heart Mountain Lateral 79 after 79-5: 203+15.27</th>
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<tbody>
<tr>
<td><strong>State:</strong></td>
<td>WY</td>
</tr>
<tr>
<td><strong>Irrigation District:</strong></td>
<td>Heart Mountain</td>
</tr>
<tr>
<td><strong># Months of Operation:</strong></td>
<td>7</td>
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<tr>
<td><strong>Head (ft):</strong></td>
<td>40</td>
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<tr>
<td><strong>Flow (cfs):</strong></td>
<td>8</td>
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<tr>
<td><strong>Capacity (kW):</strong></td>
<td>19</td>
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<td><strong>Annual Energy (MWh):</strong></td>
<td>63</td>
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Site Name: Heart Mountain Lateral 79
after 79-5: 203+15.27
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 40
Flow (cfs): 8
Capacity (kW): 19
Annual Energy (MWh): 63
**Site Name:** Heart Mountain Lateral 79-6: 124+08.08  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7  

**Head (ft):** 18  
**Flow (cfs):** 2  
**Capacity (kW):** 2  
**Annual Energy (MWh):** 8
Site Name: Heart Mountain Lateral 79-6:
124+08.08
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 18
Flow (cfs): 2
Capacity (kW): 2
Annual Energy (MWh): 8
Site Name: Heart Mountain Lateral 79-6: 127.+86.58
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7
<table>
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<th><strong>Head (ft):</strong> 21</th>
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<tr>
<td>127.+86.58</td>
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<tr>
<td><strong>State:</strong> WY</td>
<td><strong>Capacity (kW):</strong> 3</td>
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<tr>
<td><strong>Irrigation District:</strong> Heart Mountain</td>
<td><strong>Annual Energy (MWh):</strong> 9</td>
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<td><strong># Months of Operation:</strong> 7</td>
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</table>
Site Name: Heart Mountain Lateral
79:19+60
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 11
Flow (cfs): 46
Capacity (kW): 31
Annual Energy (MWh): 104
**Site Name:** Heart Mountain Lateral  
79:19+60  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7  

**Head (ft):** 11  
**Flow (cfs):** 46  
**Capacity (kW):** 31  
**Annual Energy (MWh):** 104
**Site Name:** Heart Mountain Lateral
79:23+33

**State:** WY

**Irrigation District:** Heart Mountain

**# Months of Operation:** 7

**Head (ft):** 11

**Flow (cfs):** 46

**Capacity (kW):** 31

**Annual Energy (MWh):** 104
Site Name: Heart Mountain Lateral
Head (ft): 11
State: WY
Flow (cfs): 46
Irrigation District: Heart Mountain
Capacity (kW): 31
# Months of Operation: 7
Annual Energy (MWh): 104
Site Name: Heart Mountain Lateral
79:26+88
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 11
Flow (cfs): 46
Capacity (kW): 31
Annual Energy (MWh): 104
**Site Name:** Heart Mountain Lateral  
79:26+88  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7  

**Head (ft):** 11  
**Flow (cfs):** 46  
**Capacity (kW):** 31  
**Annual Energy (MWh):** 104
**Site Name:** Heart Mountain Lateral  
**Head (ft):** 11  
**Flow (cfs):** 46  
**State:** WY  
**Capacity (kW):** 31  
**Irrigation District:** Heart Mountain  
**Annual Energy (MWh):** 105  
**# Months of Operation:** 7
Site Name: Heart Mountain Lateral
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

- Head (ft): 11
- Flow (cfs): 46
- Capacity (kW): 31
- Annual Energy (MWh): 105
<table>
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<tr>
<th>Site Name</th>
<th>Heart Mountain Lateral</th>
<th>Head (ft):</th>
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<tbody>
<tr>
<td>State</td>
<td>WY</td>
<td>Flow (cfs):</td>
<td>46</td>
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<tr>
<td>Irrigation District</td>
<td>Heart Mountain</td>
<td>Capacity (kW):</td>
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<tr>
<td># Months of Operation</td>
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<td>Annual Energy (MWh):</td>
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</table>
Site Name: Heart Mountain Lateral
Head (ft): 11
Flow (cfs): 46
State: WY
Capacity (kW): 31
Irrigation District: Heart Mountain
Annual Energy (MWh): 104
# Months of Operation: 7
### Great Plains Maps

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Head (ft): 11</th>
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<tr>
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<td>State: WY</td>
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<td>Irrigation District: Heart Mountain</td>
<td>Annual Energy (MWh): 104</td>
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<td># Months of Operation: 7</td>
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</tbody>
</table>

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**Object ID 78**

![Map Image](image_url)
Site Name: Heart Mountain Lateral
State: WY
Irrigation District: Heart Mountain
Head (ft): 11
Flow (cfs): 46
Capacity (kW): 31
Annual Energy (MWh): 104
# Months of Operation: 7
Site Name: Heart Mountain Lateral
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 11
Flow (cfs): 38
Capacity (kW): 25
Annual Energy (MWh): 86
**Site Name:** Heart Mountain Lateral

**State:** WY

**Irrigation District:** Heart Mountain

**Head (ft):** 11

**Flow (cfs):** 38

**Capacity (kW):** 25

**Annual Energy (MWh):** 86

**# Months of Operation:** 7
Site Name: Heart Mountain Lateral
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 11
Flow (cfs): 38
Capacity (kW): 25
Annual Energy (MWh): 86
**Site Name:** Heart Mountain Lateral  
**Head (ft):** 11  
**State:** WY  
**Flow (cfs):** 38  
**Irrigation District:** Heart Mountain  
**Capacity (kW):** 25  
**# Months of Operation:** 7  
**Annual Energy (MWh):** 86
Site Name: Heart Mountain Lateral
79:45+63
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 11
Flow (cfs): 38
Capacity (kW): 25
Annual Energy (MWh): 86
Site Name: Heart Mountain Lateral
79:45+63
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7
Head (ft): 11
Flow (cfs): 38
Capacity (kW): 25
Annual Energy (MWh): 86
**Site Name:** Heart Mountain Lateral  
79:48+31  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7

**Head (ft):** 10  
**Flow (cfs):** 38  
**Capacity (kW):** 23  
**Annual Energy (MWh):** 79
Site Name: Heart Mountain Lateral
Head (ft): 10
Flow (cfs): 38
Capacity (kW): 23
Annual Energy (MWh): 79
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7
**Site Name:** Heart Mountain Lateral  
**State:** WY  
**Irrigation District:** Heart Mountain  
**Head (ft):** 10  
**Flow (cfs):** 38  
**Capacity (kW):** 23  
**Annual Energy (MWh):** 79  

# Months of Operation: 7
**Site Name:** Heart Mountain Lateral  
79:50+85  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7

**Head (ft):** 10  
**Flow (cfs):** 38  
**Capacity (kW):** 23  
**Annual Energy (MWh):** 79
**Site Name:** Heart Mountain Lateral

- **Head (ft):** 10
- **Flow (cfs):** 38
- **Capacity (kW):** 23
- **Annual Energy (MWh):** 79

**State:** WY

**Irrigation District:** Heart Mountain

**# Months of Operation:** 7
Site Name: Heart Mountain Lateral
79:53+37
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 10
Flow (cfs): 38
Capacity (kW): 23
Annual Energy (MWh): 79
**Site Name:** Heart Mountain Lateral
**State:** WY
**Irrigation District:** Heart Mountain
**Head (ft):** 10
**Flow (cfs):** 38
**Capacity (kW):** 23
**Annual Energy (MWh):** 79

**# Months of Operation:** 7
Site Name: Heart Mountain Lateral
State: WY
Irrigation District: Heart Mountain
Head (ft): 10
Flow (cfs): 38
Capacity (kW): 23
Annual Energy (MWh): 79

# Months of Operation: 7
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<tr>
<th><strong>Site Name:</strong></th>
<th>Heart Mountain Lateral 89 after 89-10: 141+06.14</th>
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<tr>
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Site Name: Heart Mountain Lateral 89
after 89-10: 141+06.14
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 25
Flow (cfs): 15
Capacity (kW): 22
Annual Energy (MWh): 76
Site Name: Heart Mountain Lateral 89 after 89-10: 154+83.16
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 21
Flow (cfs): 15
Capacity (kW): 19
Annual Energy (MWh): 64
Site Name: Heart Mountain Lateral 89 after 89-10: 154+83.16
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7
Head (ft): 21
Flow (cfs): 15
Capacity (kW): 19
Annual Energy (MWh): 64
Site Name: Heart Mountain Lateral 89: 2+77
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 15
Flow (cfs): 38
Capacity (kW): 35
Annual Energy (MWh): 117
**Site Name:** Heart Mountain Lateral 89: 2+77
**State:** WY
**Irrigation District:** Heart Mountain
**# Months of Operation:** 7

- **Head (ft):** 15
- **Flow (cfs):** 38
- **Capacity (kW):** 35
- **Annual Energy (MWh):** 117
**Site Name:** Heart Mountain Lateral 89: 9+64.25  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7  
**Head (ft):** 15  
**Flow (cfs):** 38  
**Capacity (kW):** 34  
**Annual Energy (MWh):** 116
Site Name: Heart Mountain Lateral 89: 9+64.25
Head (ft): 15
State: WY
Flow (cfs): 38
Irrigation District: Heart Mountain
Capacity (kW): 34
# Months of Operation: 7
Annual Energy (MWh): 116
Site Name: Heart Mountain Lateral 89:
17+60
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 37
Flow (cfs): 38
Capacity (kW): 87
Annual Energy (MWh): 292
**Site Name:** Heart Mountain Lateral 89: 17+60

**State:** WY

**Irrigation District:** Heart Mountain

**# Months of Operation:** 7

**Head (ft):** 37  
**Flow (cfs):** 38  
**Capacity (kW):** 87  
**Annual Energy (MWh):** 292
Site Name: Heart Mountain Lateral 89: 21+34.25
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 15
Flow (cfs): 38
Capacity (kW): 34
Annual Energy (MWh): 116
Site Name: Heart Mountain Lateral 89:
21+34.25
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 15
Flow (cfs): 38
Capacity (kW): 34
Annual Energy (MWh): 116
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<th>Flow (cfs):</th>
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![Object ID 92](image_url)
Site Name: Heart Mountain Lateral 89:
33+91
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7
Head (ft): 12
Flow (cfs): 31
Capacity (kW): 22
Annual Energy (MWh): 75
**Site Name:** Heart Mountain Lateral 89: 37+36  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7  

**Head (ft):** 12  
**Flow (cfs):** 31  
**Capacity (kW):** 23  
**Annual Energy (MWh):** 75
Site Name: Heart Mountain Lateral 89: 37+36
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7
Head (ft): 12
Flow (cfs): 31
Capacity (kW): 23
Annual Energy (MWh): 75
**Site Name:** Heart Mountain Lateral 89: 40+26  
**State:** WY  
**Irrigation District:** Heart Mountain  
**Head (ft):** 12  
**Flow (cfs):** 31  
**Capacity (kW):** 22  
**Annual Energy (MWh):** 75  
**# Months of Operation:** 7
**Site Name:** Heart Mountain Lateral 89: 40+26  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7

- **Head (ft):** 12  
- **Flow (cfs):** 31  
- **Capacity (kW):** 22  
- **Annual Energy (MWh):** 75
**Site Name:** Heart Mountain Lateral 89: 43+16  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7  
**Head (ft):** 12  
**Flow (cfs):** 31  
**Capacity (kW):** 22  
**Annual Energy (MWh):** 75
Site Name: Heart Mountain Lateral 89: 43+16
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 12
Flow (cfs): 31
Capacity (kW): 22
Annual Energy (MWh): 75
Site Name: Heart Mountain Lateral 89:
45+20
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 12
Flow (cfs): 31
Capacity (kW): 22
Annual Energy (MWh): 75
Site Name: Heart Mountain Lateral 89: 45+20  
State: WY  
Irrigation District: Heart Mountain  
# Months of Operation: 7  

Head (ft): 12  
Flow (cfs): 31  
Capacity (kW): 22  
Annual Energy (MWh): 75
Site Name: Heart Mountain Lateral 89:
47+43.5
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 10
Flow (cfs): 31
Capacity (kW): 20
Annual Energy (MWh): 66
| **Site Name:** Heart Mountain Lateral 89: | **Head (ft):** 10 |
| 47+43.5 | **Flow (cfs):** 31 |
| **State:** WY | **Capacity (kW):** 20 |
| **Irrigation District:** Heart Mountain | **Annual Energy (MWh):** 66 |
| **# Months of Operation:** 7 |
Site Name: Heart Mountain Lateral 89:
50+25.75
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 12
Flow (cfs): 23
Capacity (kW): 17
Annual Energy (MWh): 56
Site Name: Heart Mountain Lateral 89: 50+25.75
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 12
Flow (cfs): 23
Capacity (kW): 17
Annual Energy (MWh): 56
Site Name: Heart Mountain Lateral 89:
54+59.75
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 10
Flow (cfs): 23
Capacity (kW): 14
Annual Energy (MWh): 47
Site Name: Heart Mountain Lateral 89: 54+59.75
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7
Head (ft): 10
Flow (cfs): 23
Capacity (kW): 14
Annual Energy (MWh): 47
**Site Name:** Heart Mountain Lateral H-103  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7  
**Head (ft):** 145  
**Flow (cfs):** 23  
**Capacity (kW):** 241  
**Annual Energy (MWh):** 815
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<td><strong>Annual Energy (MWh):</strong></td>
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Site Name: Heart Mountain Lateral H57: 65+26.03
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 24
Flow (cfs): 5
Capacity (kW): 7
Annual Energy (MWh): 23
**Site Name:** Heart Mountain Lateral H57:
65+26.03

**State:** WY

**Irrigation District:** Heart Mountain

**Head (ft):** 24

**Flow (cfs):** 5

**Capacity (kW):** 7

**Annual Energy (MWh):** 23

**# Months of Operation:** 7
Site Name: Heart Mountain Lateral H57: 71+67.87
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 22
Flow (cfs): 5
Capacity (kW): 7
Annual Energy (MWh): 21
**Site Name:** Heart Mountain Lateral H57:
71+67.87

**State:** WY

**Irrigation District:** Heart Mountain

**Head (ft):** 22
**Flow (cfs):** 5
**Capacity (kW):** 7
**Annual Energy (MWh):** 21

**# Months of Operation:** 7
**Site Name:** Heart Mountain Lateral H57: 87+62.23  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7  
**Head (ft):** 22  
**Flow (cfs):** 5  
**Capacity (kW):** 7  
**Annual Energy (MWh):** 21
Site Name: Heart Mountain Lateral H57: 87+62.23
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 22
Flow (cfs): 5
Capacity (kW): 7
Annual Energy (MWh): 21
Site Name: Heart Mountain Lateral H57: 95+33.79
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 18
Flow (cfs): 5
Capacity (kW): 6
Annual Energy (MWh): 18
Site Name: Heart Mountain Lateral H57: 95+33.79
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7
Head (ft): 18
Flow (cfs): 5
Capacity (kW): 6
Annual Energy (MWh): 18
Site Name: Heart Mountain Lateral H57:
103+50.35
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 25
Flow (cfs): 5
Capacity (kW): 8
Annual Energy (MWh): 24
Site Name: Heart Mountain Lateral H57: 103+50.35
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 25
Flow (cfs): 5
Capacity (kW): 8
Annual Energy (MWh): 24
Site Name: Heart Mountain Lateral H57: 139+22.50
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 65
Flow (cfs): 5
Capacity (kW): 20
Annual Energy (MWh): 63
Site Name: Heart Mountain Lateral H57: 139+22.50
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 65
Flow (cfs): 5
Capacity (kW): 20
Annual Energy (MWh): 63
Site Name: Heart Mountain Lateral H65: 4+09
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 37
Flow (cfs): 38
Capacity (kW): 86
Annual Energy (MWh): 290
**Site Name:** Heart Mountain Lateral H65: 4+09  
**State:** WY  
**Irrigation District:** Heart Mountain  
**Head (ft):** 37  
**Flow (cfs):** 38  
**Capacity (kW):** 86  
**Annual Energy (MWh):** 290  
**# Months of Operation:** 7
**Site Name:** Heart Mountain Lateral H65: 10+50.92  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7  

**Head (ft):** 41  
**Flow (cfs):** 38  
**Capacity (kW):** 94  
**Annual Energy (MWh):** 319
**Site Name:** Heart Mountain Lateral H65: 10+50.92  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7

**Head (ft):** 41  
**Flow (cfs):** 38  
**Capacity (kW):** 94  
**Annual Energy (MWh):** 319
Site Name: Heart Mountain Lateral H65: 22+75.25
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 15
Flow (cfs): 38
Capacity (kW): 34
Annual Energy (MWh): 116
**Site Name:** Heart Mountain Lateral H65: 22+75.25  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7  

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<td>Capacity (kW)</td>
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<td>Annual Energy (MWh)</td>
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<td>Heart Mountain Lateral H65: 28+28</td>
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<td>Irrigation District</td>
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![Object ID 110](image-url)
Site Name: Heart Mountain Lateral H65: 28+28
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7
Head (ft): 15
Flow (cfs): 38
Capacity (kW): 35
Annual Energy (MWh): 119
**Site Name:** Heart Mountain Lateral H65: 37+58.13  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7  

**Head (ft):** 36  
**Flow (cfs):** 38  
**Capacity (kW):** 84  
**Annual Energy (MWh):** 284
**Site Name:** Heart Mountain Lateral H65: 37+58.13  
**State:** WY  
**Irrigation District:** Heart Mountain  
**Head (ft):** 36  
**Flow (cfs):** 38  
**Capacity (kW):** 84  
**Annual Energy (MWh):** 284  
**# Months of Operation:** 7
Site Name: Heart Mountain Lateral H65:
48+29.09
State: WY
Irrigation District: Heart Mountain
Head (ft): 23
Flow (cfs): 38
Capacity (kW): 53
Annual Energy (MWh): 180

# Months of Operation: 7
**Site Name:** Heart Mountain Lateral H65:  
48+29.09  
**State:** WY  
**Irrigation District:** Heart Mountain  
# Months of Operation: 7  

**Head (ft):** 23  
**Flow (cfs):** 38  
**Capacity (kW):** 53  
**Annual Energy (MWh):** 180
Site Name: Heart Mountain Lateral H65: 59+92
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 26
Flow (cfs): 31
Capacity (kW): 49
Annual Energy (MWh): 162
**Site Name:** Heart Mountain Lateral H65: 59+92  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7  

**Head (ft):** 26  
**Flow (cfs):** 31  
**Capacity (kW):** 49  
**Annual Energy (MWh):** 162
Site Name: Heart Mountain Lateral H65:
69+53.42
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 29
Flow (cfs): 31
Capacity (kW): 56
Annual Energy (MWh): 186
Site Name: Heart Mountain Lateral H65:
69+53.42
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 29
Flow (cfs): 31
Capacity (kW): 56
Annual Energy (MWh): 186
**Site Name:** Heart Mountain Lateral H65: 79+22.42  
**State:** WY  
**Irrigation District:** Heart Mountain  
**Head (ft):** 29  
**Flow (cfs):** 31  
**Capacity (kW):** 54  
**Annual Energy (MWh):** 181  
**# Months of Operation:** 7
**Site Name:** Heart Mountain Lateral H65: 79+22.42  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7  

**Head (ft):** 29  
**Flow (cfs):** 31  
**Capacity (kW):** 54  
**Annual Energy (MWh):** 181
Site Name: Heart Mountain Lateral H65: 111+19.36
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 58
Flow (cfs): 31
Capacity (kW): 109
Annual Energy (MWh): 364
**Site Name:** Heart Mountain Lateral H65:
111+19.36  
**State:** WY  
**Irrigation District:** Heart Mountain  
**# Months of Operation:** 7  

**Head (ft):** 58  
**Flow (cfs):** 31  
**Capacity (kW):** 109  
**Annual Energy (MWh):** 364
Site Name: Heart Mountain Lateral H71: 6+45.64
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 37
Flow (cfs): 8
Capacity (kW): 18
Annual Energy (MWh): 59
Site Name: Heart Mountain Lateral H71: 6+45.64
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 37
Flow (cfs): 8
Capacity (kW): 18
Annual Energy (MWh): 59
Site Name: Heart Mountain Lateral R45
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 12
Flow (cfs): 61
Capacity (kW): 45
Annual Energy (MWh): 150
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Site Name: Heart Mountain Lateral R45
Head (ft): 60
Site 2
Flow (cfs): 53
State: WY
Capacity (kW): 230
Irrigation District: Heart Mountain
Annual Energy (MWh): 783
# Months of Operation: 7
**Site Name:** Heart Mountain Lateral R45  
**Head (ft):** 60  
**Flow (cfs):** 53  
**State:** WY  
**Capacity (kW):** 230  
**Irrigation District:** Heart Mountain  
**Annual Energy (MWh):** 783  
**# Months of Operation:** 7
**Site Name:** Heart Mountain Lateral R45  
**Site:** 3  
**State:** WY  
**Irrigation District:** Heart Mountain  
**Head (ft):** 110  
**Flow (cfs):** 23  
**Capacity (kW):** 183  
**Annual Energy (MWh):** 618  
**# Months of Operation:** 7
**Site Name:** Heart Mountain Lateral R45  
**Head (ft):** 110  
**Flow (cfs):** 23  
**State:** WY  
**Capacity (kW):** 183  
**Irrigation District:** Heart Mountain  
**Annual Energy (MWh):** 618  
**# Months of Operation:** 7
Site Name: Heart Mountain Ralston Chute lower: 146+98
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 130
Flow (cfs): 183
Capacity (kW): 1,720
Annual Energy (MWh): 5,830
Site Name: Heart Mountain Ralston Chute lower: 146+98
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 130
Flow (cfs): 183
Capacity (kW): 1,720
Annual Energy (MWh): 5,830
**Site Name:** Heart Mountain Ralston Chute upper: 0+00  
**State:** WY  
**Irrigation District:** Heart Mountain  
**Head (ft):** 110  
**Flow (cfs):** 305  
**Capacity (kW):** 2,425  
**Annual Energy (MWh):** 8,221  

**# Months of Operation:** 7
Site Name: Heart Mountain Ralston Chute upper: 0+00
State: WY
Irrigation District: Heart Mountain
# Months of Operation: 7

Head (ft): 110
Flow (cfs): 305
Capacity (kW): 2,425
Annual Energy (MWh): 8,221
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<td><strong>Capacity (kW):</strong> 1,162</td>
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<td><strong>Annual Energy (MWh):</strong> 3,680</td>
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Site Name: Pilot: 5.2  
State: WY  
Irrigation District: Midvale  
# Months of Operation: 6  

Head (ft): 30  
Flow (cfs): 542  
Capacity (kW): 1,162  
Annual Energy (MWh): 3,680
Great Plains Maps

Site Name: Pilot: 25.7
State: WY
Irrigation District: Midvale
# Months of Operation: 5

Head (ft): 150
Flow (cfs): 271
Capacity (kW): 2,938
Annual Energy (MWh): 9,200
Site Name: Pilot: 25.7  
State: WY  
Irrigation District: Midvale  
# Months of Operation: 5  
Head (ft): 150  
Flow (cfs): 271  
Capacity (kW): 2,938  
Annual Energy (MWh): 9,200
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<tr>
<td><strong>State:</strong> WY</td>
<td><strong>Flow (cfs):</strong> 140</td>
</tr>
<tr>
<td><strong>Irrigation District:</strong> Midvale</td>
<td><strong>Capacity (kW):</strong> 1,012</td>
</tr>
<tr>
<td><strong># Months of Operation:</strong> 5</td>
<td><strong>Annual Energy (MWh):</strong> 2,762</td>
</tr>
<tr>
<td>Site Name: Pavillion Main</td>
<td>Head (ft): 100</td>
</tr>
<tr>
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<tr>
<td>State: WY</td>
<td>Flow (cfs): 140</td>
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<tr>
<td>Irrigation District: Midvale</td>
<td>Capacity (kW): 1,012</td>
</tr>
<tr>
<td># Months of Operation: 5</td>
<td>Annual Energy (MWh): 2,762</td>
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</table>
Site Name: Wyoming 37.2  
State: WY  
Irrigation District: Midvale  
# Months of Operation: 6  

Head (ft): 12  
Flow (cfs): 155  
Capacity (kW): 113  
Annual Energy (MWh): 387
Site Name: Wyoming 37.2
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 12
Flow (cfs): 155
Capacity (kW): 113
Annual Energy (MWh): 387
<table>
<thead>
<tr>
<th>Site Name</th>
<th>Wyoming 41.9</th>
<th>Head (ft)</th>
<th>14</th>
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<tbody>
<tr>
<td>State</td>
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<tr>
<td># Months of Operation</td>
<td>6</td>
<td>Annual Energy (MWh)</td>
<td>427</td>
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Site Name: Wyoming 41.9
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 14
Flow (cfs): 145
Capacity (kW): 124
Annual Energy (MWh): 427
Site Name: Wyoming 42
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 11
Flow (cfs): 145
Capacity (kW): 97
Annual Energy (MWh): 335
Site Name: Wyoming 42
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 11
Flow (cfs): 145
Capacity (kW): 97
Annual Energy (MWh): 335
**Site Name:** Wyoming 42.3  
**State:** WY  
**Irrigation District:** Midvale  
**# Months of Operation:** 6  

**Head (ft):** 11  
**Flow (cfs):** 145  
**Capacity (kW):** 97  
**Annual Energy (MWh):** 335
Site Name: Wyoming 42.3
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 11
Flow (cfs): 145
Capacity (kW): 97
Annual Energy (MWh): 335
**Site Name:** Wyoming 43.1  
**State:** WY  
**Irrigation District:** Midvale  
**# Months of Operation:** 6

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<td>Capacity (kW)</td>
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<td>Annual Energy (MWh)</td>
<td>305</td>
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![Object ID 130](image)
Site Name: Wyoming 43.1  
State: WY  
Irrigation District: Midvale  
# Months of Operation: 6  
Head (ft): 10  
Flow (cfs): 145  
Capacity (kW): 88  
Annual Energy (MWh): 305
Site Name: Wyoming 44.5  
State: WY  
Irrigation District: Midvale  
# Months of Operation: 6  

Head (ft): 8  
Flow (cfs): 130  
Capacity (kW): 63  
Annual Energy (MWh): 218
<table>
<thead>
<tr>
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<th>Wyoming 44.5</th>
<th>Head (ft)</th>
<th>8</th>
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<tbody>
<tr>
<td>State</td>
<td>WY</td>
<td>Flow (cfs)</td>
<td>130</td>
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<tr>
<td>Irrigation District</td>
<td>Midvale</td>
<td>Capacity (kW):</td>
<td>63</td>
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<tr>
<td># Months of Operation</td>
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<td>Annual Energy (MWh):</td>
<td>218</td>
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</table>
Site Name: Wyoming 44.8
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 10
Flow (cfs): 120
Capacity (kW): 73
Annual Energy (MWh): 255
<table>
<thead>
<tr>
<th><strong>Site Name:</strong></th>
<th>Wyoming 44.8</th>
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</thead>
<tbody>
<tr>
<td><strong>State:</strong></td>
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<tr>
<td><strong>Irrigation District:</strong></td>
<td>Midvale</td>
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<td><strong># Months of Operation:</strong></td>
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<tr>
<td><strong>Head (ft):</strong></td>
<td>10</td>
</tr>
<tr>
<td><strong>Flow (cfs):</strong></td>
<td>120</td>
</tr>
<tr>
<td><strong>Capacity (kW):</strong></td>
<td>73</td>
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<tr>
<td><strong>Annual Energy (MWh):</strong></td>
<td>255</td>
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</tbody>
</table>
Site Name: Wyoming 45.5
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 8
Flow (cfs): 115
Capacity (kW): 56
Annual Energy (MWh): 195
Site Name: Wyoming 45.5
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 8
Flow (cfs): 115
Capacity (kW): 56
Annual Energy (MWh): 195
Site Name: Wyoming 45.6
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 10
Flow (cfs): 115
Capacity (kW): 70
Annual Energy (MWh): 244
Site Name: Wyoming 45.6
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 10
Flow (cfs): 115
Capacity (kW): 70
Annual Energy (MWh): 244
Site Name: Wyoming 45.9
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 7
Flow (cfs): 105
Capacity (kW): 45
Annual Energy (MWh): 155
Site Name: Wyoming 45.9
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 7
Flow (cfs): 105
Capacity (kW): 45
Annual Energy (MWh): 155
Site Name: Wyoming 46.2
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 11
Flow (cfs): 100
Capacity (kW): 67
Annual Energy (MWh): 231
Site Name: Wyoming 46.2  
State: WY  
Irrigation District: Midvale  
# Months of Operation: 6

Head (ft): 11  
Flow (cfs): 100  
Capacity (kW): 67  
Annual Energy (MWh): 231
Site Name: Wyoming 46.6
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 10
Flow (cfs): 100
Capacity (kW): 61
Annual Energy (MWh): 210
Site Name: Wyoming 46.6
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 10
Flow (cfs): 100
Capacity (kW): 61
Annual Energy (MWh): 210
Site Name: Wyoming 46.8
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 10
Flow (cfs): 90
Capacity (kW): 55
Annual Energy (MWh): 190
Site Name: Wyoming 46.8
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 10
Flow (cfs): 90
Capacity (kW): 55
Annual Energy (MWh): 190
Site Name: Wyoming 47.1  
State: WY  
Irrigation District: Midvale  
# Months of Operation: 6  

Head (ft): 10  
Flow (cfs): 90  
Capacity (kW): 55  
Annual Energy (MWh): 190
Site Name: Wyoming 47.1  
State: WY  
Irrigation District: Midvale  
# Months of Operation: 6  

Head (ft): 10  
Flow (cfs): 90  
Capacity (kW): 55  
Annual Energy (MWh): 190
Site Name: Wyoming 47.4
State: WY
Irrigation District: Midvale
# Months of Operation: 6

Head (ft): 8
Flow (cfs): 90
Capacity (kW): 44
Annual Energy (MWh): 152
Site Name: Wyoming 47.4
State: WY
Irrigation District: Midvale
# Months of Operation: 6
Head (ft): 8
Flow (cfs): 90
Capacity (kW): 44
Annual Energy (MWh): 152
<table>
<thead>
<tr>
<th>Site Name</th>
<th>Northport 19.75</th>
<th>Head (ft)</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
<td>NE</td>
<td>Flow (cfs)</td>
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<tr>
<td>Irrigation District</td>
<td>Northport</td>
<td>Capacity (kW)</td>
<td>46</td>
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<tr>
<td># Months of Operation</td>
<td>6</td>
<td>Annual Energy (MWh)</td>
<td>117</td>
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</table>
Site Name: Northport 19.75  
State: NE  
Irrigation District: Northport  
# Months of Operation: 6

Head (ft): 10
Flow (cfs): 76
Capacity (kW): 46
Annual Energy (MWh): 117
Site Name: Northport 19.79
State: NE
Irrigation District: Northport
# Months of Operation: 6

Head (ft): 10
Flow (cfs): 76
Capacity (kW): 46
Annual Energy (MWh): 117
Site Name: Northport 19.79
State: NE
Irrigation District: Northport
# Months of Operation: 6

Head (ft): 10
Flow (cfs): 76
Capacity (kW): 46
Annual Energy (MWh): 117
Site Name: #1 Lateral M.P. 1.6
State: WY
Irrigation District: Pathfinder
# Months of Operation: 4

Head (ft): 14
Flow (cfs): 70
Capacity (kW): 60
Annual Energy (MWh): 130
<table>
<thead>
<tr>
<th><strong>Site Name</strong></th>
<th>#1 Lateral M.P. 1.6</th>
<th><strong>Head (ft)</strong></th>
<th>14</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>State</strong></td>
<td>WY</td>
<td><strong>Flow (cfs)</strong></td>
<td>70</td>
</tr>
<tr>
<td><strong>Irrigation District</strong></td>
<td>Pathfinder</td>
<td><strong>Capacity (kW)</strong></td>
<td>60</td>
</tr>
<tr>
<td><strong># Months of Operation</strong></td>
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<td><strong>Annual Energy (MWh)</strong></td>
<td>130</td>
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</tbody>
</table>
Site Name: #18 Lateral M.P. 1.8
State: NE
Irrigation District: Pathfinder
# Months of Operation: 4

Head (ft): 21
Flow (cfs): 19
Capacity (kW): 24
Annual Energy (MWh): 53
<table>
<thead>
<tr>
<th>Site Name: #18 Lateral M.P. 1.8</th>
<th>Head (ft): 21</th>
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</thead>
<tbody>
<tr>
<td>State: NE</td>
<td>Flow (cfs): 19</td>
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<tr>
<td>Irrigation District: Pathfinder</td>
<td>Capacity (kW): 24</td>
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<td># Months of Operation: 4</td>
<td>Annual Energy (MWh): 53</td>
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</tbody>
</table>

![Map of Great Plains with Object ID 144]
Site Name: #21 Lateral M.P. 4.8
State: NE
Irrigation District: Pathfinder
# Months of Operation: 4

Head (ft): 7
Flow (cfs): 108
Capacity (kW): 46
Annual Energy (MWh): 101
<table>
<thead>
<tr>
<th><strong>Site Name:</strong> #21 Lateral M.P. 4.8</th>
<th><strong>Head (ft):</strong> 7</th>
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</thead>
<tbody>
<tr>
<td><strong>State:</strong> NE</td>
<td><strong>Flow (cfs):</strong> 108</td>
</tr>
<tr>
<td><strong>Irrigation District:</strong> Pathfinder</td>
<td><strong>Capacity (kW):</strong> 46</td>
</tr>
<tr>
<td><strong># Months of Operation:</strong> 4</td>
<td><strong>Annual Energy (MWh):</strong> 101</td>
</tr>
</tbody>
</table>
Site Name: Lake Alice Inlet Check
M.C. 94.6
State: NE
Irrigation District: Pathfinder
# Months of Operation: 6

Head (ft): 17
Flow (cfs): 283
Capacity (kW): 344
Annual Energy (MWh): 775
<table>
<thead>
<tr>
<th><strong>Site Name:</strong> Lake Alice Inlet Check</th>
<th><strong>Head (ft):</strong> 17</th>
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<tbody>
<tr>
<td>M.C. 94.6</td>
<td><strong>Flow (cfs):</strong> 283</td>
</tr>
<tr>
<td><strong>State:</strong> NE</td>
<td><strong>Capacity (kW):</strong> 344</td>
</tr>
<tr>
<td><strong>Irrigation District:</strong> Pathfinder</td>
<td><strong>Annual Energy (MWh):</strong> 775</td>
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<td><strong># Months of Operation:</strong> 6</td>
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</tr>
</tbody>
</table>
Site Name: Garland Canal: 679+00  
State: WY  
Irrigation District: Shoshone  
# Months of Operation: 7  
Head (ft): 6  
Flow (cfs): 796  
Capacity (kW): 353  
Annual Energy (MWh): 1,340
Site Name: Garland Canal: 679+00  
State: WY  
Irrigation District: Shoshone  
# Months of Operation: 7

Head (ft): 6  
Flow (cfs): 796  
Capacity (kW): 353  
Annual Energy (MWh): 1,340
| **Site Name:** Garland Canal: 693+00 | **Head (ft):** 7 |
| **State:** WY | **Flow (cfs):** 796 |
| **Irrigation District:** Shoshone | **Capacity (kW):** 398 |
| **# Months of Operation:** 7 | **Annual Energy (MWh):** 1,512 |
Site Name: Garland Canal: 693+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 7
Flow (cfs): 796
Capacity (kW): 398
Annual Energy (MWh): 1,512
| Site Name: Garland Canal: 711+00 | Head (ft): 6 |
| State: WY | Flow (cfs): 796 |
| Irrigation District: Shoshone | Capacity (kW): 341 |
| # Months of Operation: 7 | Annual Energy (MWh): 1,296 |
Site Name: Garland Canal: 711+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 6
Flow (cfs): 796
Capacity (kW): 341
Annual Energy (MWh): 1,296
Site Name: Garland Canal: 722+00  
State: WY  
Irrigation District: Shoshone  
# Months of Operation: 7  

Head (ft): 6  
Flow (cfs): 796  
Capacity (kW): 333  
Annual Energy (MWh): 1,266
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<tr>
<th>Site Name: Garland Canal: 722+00</th>
<th>Head (ft): 6</th>
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<tbody>
<tr>
<td>State: WY</td>
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<tr>
<td># Months of Operation: 7</td>
<td>Annual Energy (MWh): 1,266</td>
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</table>
Site Name: Garland Canal: 733+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 6
Flow (cfs): 796
Capacity (kW): 332
Annual Energy (MWh): 1,261
<table>
<thead>
<tr>
<th>Site Name</th>
<th>Garland Canal: 733+00</th>
<th>State</th>
<th>WY</th>
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<td>Irrigation District</td>
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<td>Flow (cfs)</td>
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<td>Capacity (kW)</td>
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<td>Annual Energy (MWh)</td>
<td>1,261</td>
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</table>
Site Name: Garland Canal: 754+33  
State: WY  
Irrigation District: Shoshone  
# Months of Operation: 7  

Head (ft): 9  
Flow (cfs): 394  
Capacity (kW): 265  
Annual Energy (MWh): 1,004
Site Name: Garland Canal: 754+33
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 9
Flow (cfs): 394
Capacity (kW): 265
Annual Energy (MWh): 1,004
<p>| <strong>Site Name:</strong> Garland Canal: 758+00 | <strong>Head (ft):</strong> 8 |
| <strong>State:</strong> WY | <strong>Flow (cfs):</strong> 394 |
| <strong>Irrigation District:</strong> Shoshone | <strong>Capacity (kW):</strong> 225 |
| <strong># Months of Operation:</strong> 7 | <strong>Annual Energy (MWh):</strong> 855 |
| <strong>Site Name:</strong> Garland Canal: 758+00 | <strong>Head (ft):</strong> 8 |
| <strong>State:</strong> WY | <strong>Flow (cfs):</strong> 394 |
| <strong>Irrigation District:</strong> Shoshone | <strong>Capacity (kW):</strong> 225 |
| <strong># Months of Operation:</strong> 7 | <strong>Annual Energy (MWh):</strong> 855 |
| <strong>Site Name:</strong> Garland Canal: 772+00 | <strong>Head (ft):</strong> 8 |
| <strong>State:</strong> WY | <strong>Flow (cfs):</strong> 394 |
| <strong>Irrigation District:</strong> Shoshone | <strong>Capacity (kW):</strong> 225 |
| <strong># Months of Operation:</strong> 7 | <strong>Annual Energy (MWh):</strong> 855 |</p>
<table>
<thead>
<tr>
<th>Site Name: Garland Canal: 772+00</th>
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<tbody>
<tr>
<td>State: WY</td>
<td>Flow (cfs): 394</td>
</tr>
<tr>
<td>Irrigation District: Shoshone</td>
<td>Capacity (kW): 225</td>
</tr>
<tr>
<td># Months of Operation: 7</td>
<td>Annual Energy (MWh): 855</td>
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</table>
Site Name: Garland Canal: 783+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 10
Flow (cfs): 394
Capacity (kW): 282
Annual Energy (MWh): 1,068
| **Site Name:** Garland Canal: 783+00 | **Head (ft):** 10 |
| **State:** WY | **Flow (cfs):** 394 |
| **Irrigation District:** Shoshone | **Capacity (kW):** 282 |
| **# Months of Operation:** 7 | **Annual Energy (MWh):** 1,068 |
Site Name: Garland Canal: 799+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 10
Flow (cfs): 394
Capacity (kW): 282
Annual Energy (MWh): 1,068
<table>
<thead>
<tr>
<th><strong>Site Name:</strong> Garland Canal: 799+00</th>
<th><strong>Head (ft):</strong> 10</th>
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<td><strong>State:</strong> WY</td>
<td><strong>Flow (cfs):</strong> 394</td>
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<tr>
<td><strong>Irrigation District:</strong> Shoshone</td>
<td><strong>Capacity (kW):</strong> 282</td>
</tr>
<tr>
<td><strong># Months of Operation:</strong> 7</td>
<td><strong>Annual Energy (MWh):</strong> 1,068</td>
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![Map of Garland Canal and O'Donnell with Object ID 156]
Site Name: Garland Canal: 818+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 8
Flow (cfs): 350
Capacity (kW): 200
Annual Energy (MWh): 760
Site Name: Garland Canal: 818+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 8
Flow (cfs): 350
Capacity (kW): 200
Annual Energy (MWh): 760
<table>
<thead>
<tr>
<th>Site Name</th>
<th>Garland Canal: 831+00</th>
<th>Head (ft)</th>
<th>8</th>
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</thead>
<tbody>
<tr>
<td>State</td>
<td>WY</td>
<td>Flow (cfs)</td>
<td>350</td>
</tr>
<tr>
<td>Irrigation District</td>
<td>Shoshone</td>
<td>Capacity (kW)</td>
<td>200</td>
</tr>
<tr>
<td># Months of Operation</td>
<td>7</td>
<td>Annual Energy (MWh)</td>
<td>760</td>
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</table>
Site Name: Garland Canal: 831+00  
State: WY  
Irrigation District: Shoshone  
# Months of Operation: 7  

Head (ft): 8  
Flow (cfs): 350  
Capacity (kW): 200  
Annual Energy (MWh): 760
| **Site Name:** Garland Canal: 843+00 | **Head (ft):** 10 |
| **State:** WY | **Flow (cfs):** 350 |
| **Irrigation District:** Shoshone | **Capacity (kW):** 250 |
| **# Months of Operation:** 7 | **Annual Energy (MWh):** 950 |
Site Name: Garland Canal: 843+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 10
Flow (cfs): 350
Capacity (kW): 250
Annual Energy (MWh): 950
Site Name: Garland Canal: 864+63
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 8
Flow (cfs): 298
Capacity (kW): 177
Annual Energy (MWh): 670
Site Name: Garland Canal: 864+63
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 8
Flow (cfs): 298
Capacity (kW): 177
Annual Energy (MWh): 670
Great Plains Maps

Site Name: Garland Canal: 875+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 8
Flow (cfs): 298
Capacity (kW): 170
Annual Energy (MWh): 647
<table>
<thead>
<tr>
<th>Site Name: Garland Canal: 875+00</th>
<th>Head (ft): 8</th>
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<tbody>
<tr>
<td>State: WY</td>
<td>Flow (cfs): 298</td>
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<tr>
<td>Irrigation District: Shoshone</td>
<td>Capacity (kW): 170</td>
</tr>
<tr>
<td># Months of Operation: 7</td>
<td>Annual Energy (MWh): 647</td>
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</table>
Site Name: Garland Canal: 892+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 6
Flow (cfs): 298
Capacity (kW): 128
Annual Energy (MWh): 485
<table>
<thead>
<tr>
<th><strong>Site Name:</strong></th>
<th>Garland Canal: 892+00</th>
<th><strong>Head (ft):</strong></th>
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<tbody>
<tr>
<td><strong>State:</strong></td>
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<td><strong>Flow (cfs):</strong></td>
<td>298</td>
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<tr>
<td><strong>Irrigation District:</strong></td>
<td>Shoshone</td>
<td><strong>Capacity (kW):</strong></td>
<td>128</td>
</tr>
<tr>
<td><strong># Months of Operation:</strong></td>
<td>7</td>
<td><strong>Annual Energy (MWh):</strong></td>
<td>485</td>
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</table>

![Map of Garland Canal and Shoshone Irrigation District](image)
<table>
<thead>
<tr>
<th><strong>Site Name:</strong></th>
<th>Garland Canal: 905+00</th>
<th><strong>Head (ft):</strong></th>
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<tbody>
<tr>
<td><strong>State:</strong></td>
<td>WY</td>
<td><strong>Flow (cfs):</strong></td>
<td>245</td>
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<td><strong>Irrigation District:</strong></td>
<td>Shoshone</td>
<td><strong>Capacity (kW):</strong></td>
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<td><strong># Months of Operation:</strong></td>
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<td><strong>Annual Energy (MWh):</strong></td>
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<td><strong>Site Name:</strong> Garland Canal: 905+00</td>
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<td><strong>State:</strong> WY</td>
<td><strong>Flow (cfs):</strong> 245</td>
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<td><strong>Irrigation District:</strong> Shoshone</td>
<td><strong>Capacity (kW):</strong> 175</td>
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<td><strong># Months of Operation:</strong> 7</td>
<td><strong>Annual Energy (MWh):</strong> 665</td>
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<tr>
<td><strong>Site Name:</strong> Garland Canal: 926+00</td>
<td><strong>Head (ft):</strong> 10</td>
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<tr>
<td><strong>State:</strong> WY</td>
<td><strong>Flow (cfs):</strong> 245</td>
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</tr>
<tr>
<td><strong>Irrigation District:</strong> Shoshone</td>
<td><strong>Capacity (kW):</strong> 175</td>
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<tr>
<td><strong># Months of Operation:</strong> 7</td>
<td><strong>Annual Energy (MWh):</strong> 665</td>
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</table>
**Site Name:** Garland Canal: 926+00  
**State:** WY  
**Irrigation District:** Shoshone  
**# Months of Operation:** 7  
**Head (ft):** 10  
**Flow (cfs):** 245  
**Capacity (kW):** 175  
**Annual Energy (MWh):** 665
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<tr>
<th><strong>Site Name:</strong> Garland Canal: 945+00</th>
<th><strong>Head (ft):</strong> 8</th>
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<td><strong>State:</strong> WY</td>
<td><strong>Flow (cfs):</strong> 245</td>
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<tr>
<td><strong>Irrigation District:</strong> Shoshone</td>
<td><strong>Capacity (kW):</strong> 140</td>
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<tr>
<td><strong># Months of Operation:</strong> 7</td>
<td><strong>Annual Energy (MWh):</strong> 532</td>
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</tbody>
</table>
Site Name: Garland Canal: 945+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 8
Flow (cfs): 245
Capacity (kW): 140
Annual Energy (MWh): 532
Site Name: Garland Canal: 960+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 8
Flow (cfs): 245
Capacity (kW): 140
Annual Energy (MWh): 532
Site Name: Garland Canal: 960+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 8
Flow (cfs): 245
Capacity (kW): 140
Annual Energy (MWh): 532
**Site Name:** Garland Canal: 977+80

**State:** WY

**Irrigation District:** Shoshone

**# Months of Operation:** 7

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<th>Head (ft)</th>
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<tr>
<td>Flow (cfs)</td>
<td>149</td>
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<tr>
<td>Capacity (kW)</td>
<td>86</td>
</tr>
<tr>
<td>Annual Energy (MWh)</td>
<td>323</td>
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</table>
**Site Name:** Garland Canal: 977+80  
**State:** WY  
**Irrigation District:** Shoshone  
**# Months of Operation:** 7  
**Head (ft):** 10  
**Flow (cfs):** 149  
**Capacity (kW):** 86  
**Annual Energy (MWh):** 323
Site Name: Garland Canal: 990+00  
State: WY  
Irrigation District: Shoshone  
# Months of Operation: 7  

Head (ft): 8  
Flow (cfs): 149  
Capacity (kW): 73  
Annual Energy (MWh): 272
**Site Name:** Garland Canal: 990+00  
**State:** WY  
**Irrigation District:** Shoshone  
**Head (ft):** 8  
**Flow (cfs):** 149  
**Capacity (kW):** 73  
**# Months of Operation:** 7  
**Annual Energy (MWh):** 272
| **Site Name:** Garland Canal: 1006+00 | **Head (ft):** 6 |
| **State:** WY | **Flow (cfs):** 149 |
| **Irrigation District:** Shoshone | **Capacity (kW):** 54 |
| **# Months of Operation:** 7 | **Annual Energy (MWh):** 204 |
**Site Name:** Garland Canal: 1006+00  
**State:** WY  
**Irrigation District:** Shoshone  
**# Months of Operation:** 7  

**Head (ft):** 6  
**Flow (cfs):** 149  
**Capacity (kW):** 54  
**Annual Energy (MWh):** 204
<table>
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<th>Site Name: Garland Canal: 1021+00</th>
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<tbody>
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<td># Months of Operation: 7</td>
<td>Annual Energy (MWh): 204</td>
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Site Name: Garland Canal: 1021+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7
Head (ft): 6
Flow (cfs): 149
Capacity (kW): 54
Annual Energy (MWh): 204
| Site Name: | Garland Canal: 1044+00 | Head (ft): | 8 |
| State: | WY | Flow (cfs): | 149 |
| Irrigation District: | Shoshone | Capacity (kW): | 73 |
| # Months of Operation: | 7 | Annual Energy (MWh): | 272 |
Site Name: Garland Canal: 1044+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7
Head (ft): 8
Flow (cfs): 149
Capacity (kW): 73
Annual Energy (MWh): 272
Site Name: Garland Canal: 1061+00  
State: WY  
Irrigation District: Shoshone  
# Months of Operation: 7  

Head (ft): 8  
Flow (cfs): 149  
Capacity (kW): 73  
Annual Energy (MWh): 272
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<th><strong>Site Name:</strong></th>
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<tr>
<td><strong>Site Name:</strong> Garland Canal: 1074+00</td>
<td><strong>Head (ft):</strong> 8</td>
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<tr>
<td><strong>State:</strong> WY</td>
<td><strong>Flow (cfs):</strong> 88</td>
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<td><strong>Irrigation District:</strong> Shoshone</td>
<td><strong>Capacity (kW):</strong> 43</td>
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<td><strong>Annual Energy (MWh):</strong> 160</td>
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<tr>
<td>Site Name</td>
<td>Garland Canal: 1074+00</td>
<td>Head (ft)</td>
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<tr>
<td>State</td>
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<td>Flow (cfs)</td>
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<td>Irrigation District</td>
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<td>Capacity (kW)</td>
<td>43</td>
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<tr>
<td># Months of Operation</td>
<td>7</td>
<td>Annual Energy (MWh)</td>
<td>160</td>
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</table>

![Map of Great Plains](Image)
<p>| <strong>Site Name:</strong> Garland Canal: 1090+00 | <strong>Head (ft):</strong> 8 |
| <strong>State:</strong> WY | <strong>Flow (cfs):</strong> 88 |
| <strong>Irrigation District:</strong> Shoshone | <strong>Capacity (kW):</strong> 43 |
| <strong># Months of Operation:</strong> 7 | <strong>Annual Energy (MWh):</strong> 160 |
| <strong>Site Name</strong>: Garland Canal: 1090+00 | <strong>Head (ft)</strong>: 8 |
| <strong>State</strong>: WY | <strong>Flow (cfs)</strong>: 88 |
| <strong>Irrigation District</strong>: Shoshone | <strong>Capacity (kW)</strong>: 43 |
| <strong># Months of Operation</strong>: 7 | <strong>Annual Energy (MWh)</strong>: 160 |</p>
<table>
<thead>
<tr>
<th>Site Name: Garland Canal: 1111+00</th>
<th>Head (ft): 6</th>
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<tbody>
<tr>
<td>State: WY</td>
<td>Flow (cfs): 88</td>
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<tr>
<td>Irrigation District: Shoshone</td>
<td>Capacity (kW): 32</td>
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<tr>
<td># Months of Operation: 7</td>
<td>Annual Energy (MWh): 120</td>
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Site Name: Garland Canal: 1111+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7
Head (ft): 6
Flow (cfs): 88
Capacity (kW): 32
Annual Energy (MWh): 120
Site Name: Garland Canal: 1122+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 6
Flow (cfs): 88
Capacity (kW): 32
Annual Energy (MWh): 120
Site Name: Garland Canal: 1122+00
State: WY
Irrigation District: Shoshone
# Months of Operation: 7

Head (ft): 6
Flow (cfs): 88
Capacity (kW): 32
Annual Energy (MWh): 120
Site Name: Willwood Canal: Deer Creek
State: WY
Irrigation District: Willwood
# Months of Operation: 7

Head (ft): 45
Flow (cfs): 239
Capacity (kW): 769
Annual Energy (MWh): 2,781
Site Name: Willwood Canal: Deer Creek  
State: WY  
Irrigation District: Willwood  
# Months of Operation: 7

Head (ft): 45  
Flow (cfs): 239  
Capacity (kW): 769  
Annual Energy (MWh): 2,781
Site Name: Willwood Canal: Willwood Draw
State: WY
Irrigation District: Willwood
# Months of Operation: 7
Head (ft): 35
Flow (cfs): 205
Capacity (kW): 513
Annual Energy (MWh): 1,854
Site Name: Willwood Canal: Willwood Draw  
State: WY  
Irrigation District: Willwood  
# Months of Operation: 7  

Head (ft): 35  
Flow (cfs): 205  
Capacity (kW): 513  
Annual Energy (MWh): 1,854