Utah and Coal Ash Disposal in Ponds and Landfills

**Summary:**

<table>
<thead>
<tr>
<th>Plant</th>
<th>Operator</th>
<th>Site</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermountain Power Project</td>
<td>City of Los Angeles</td>
<td>6 ponds</td>
<td>Millard</td>
</tr>
<tr>
<td>Hunter</td>
<td>PacifiCorp-Rocky Mtn.</td>
<td>landfill*</td>
<td>Emery</td>
</tr>
<tr>
<td>Huntington</td>
<td>PacifiCorp-Rocky Mtn.</td>
<td>landfill*</td>
<td>Emery</td>
</tr>
<tr>
<td>Bonanza</td>
<td>Deseret Generation &amp; Tran Co-op</td>
<td>landfill*</td>
<td>Uintah</td>
</tr>
<tr>
<td>Carbon</td>
<td>PacifiCorp-Rocky Mtn.</td>
<td>landfill*</td>
<td>Carbon</td>
</tr>
<tr>
<td>Kennecott Utah Copper (KUCC)</td>
<td>Kennecott Utah Copper Corp.</td>
<td>Ponds (total number indeterminate)</td>
<td>Salt Lake</td>
</tr>
</tbody>
</table>

*indicates one or more coal ash landfills.\(^2\)

**Amount of coal ash generated per year:** 2.3 million tons. Utah ranks 18th in the country for coal ash generation.\(^3\)

The U.S. EPA has not yet gathered information on coal ash disposal in landfills, so a detailed breakdown is not yet available. However, according to a 2007 EPA risk assessment, three surface impoundments and landfills at the Huntington, Intermountain and Carbon plants are unlined. There is no leachate collection system at the Intermountain and Carbon plants, and no groundwater monitoring at the Carbon and Huntington plants.\(^4\)

**Information on Utah Coal Ash Ponds**

**Number of Coal Ash Ponds:** Six ponds at the Intermountain Power Project.\(^5\) According to data from the Energy Information Administration, coal ash is stored in ponds at the Kennecott Utah Copper facility, but detailed information about the size, number and capacity of the ponds at this site is not available.\(^6\)

**Pond Rating:** Five of the six ponds at the Intermountain facility have a “low” hazard rating. The sixth pond has no hazard rating.\(^7\)

**Age of Ponds:** Five of the ponds at Intermountain were built in 1986. One pond was built in 1983.\(^8\)

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8. *Id.*
Capacity and releases: Storage capacity for the six ponds at Intermountain is 7,272 acre feet, or 2.3 billion gallons. This is enough coal ash to fill nearly 3,600 Olympic-sized swimming pools.

No historical releases were reported for these Utah coal ash ponds.\(^9\)

\(^{9}\) Id.