Dam’s name: GOUILLET
PKW’s year of construction: 2010

Country: France - 87
### Progress of work:
Built 2010

### Dam’s owner:
Ville de Limoges

### Consultant:
ISL (Detailed Design studies)

### Contractor:
Spie Batignolles

### PKW location:
Left bank

### Downstream energy dissipation type:

### PKW purpose:
Increase discharge capacity

#### PKW discharge capacity at MWL (m³/s):
18.2

#### Dam design flow (m³/s):
18.2

### Monitoring devices (Presence and type):
No

### Aeration (type and diameter of the pipe):
No

### Overflowing Frequency:
Constant

### Number of overflow known:
-

### Maximum head on PKW experienced (m) and date:
-

### Type and number of other spillway:
none

### Material of the PKW:
Reinforced concrete

<table>
<thead>
<tr>
<th>B (m)</th>
<th>3.18</th>
</tr>
</thead>
<tbody>
<tr>
<td>P (m)</td>
<td>1.2</td>
</tr>
<tr>
<td>W (m)</td>
<td>19.14</td>
</tr>
<tr>
<td>L (m)</td>
<td>54.12</td>
</tr>
<tr>
<td>Number of inlet</td>
<td>11</td>
</tr>
<tr>
<td>W₁ (m)</td>
<td>0.8</td>
</tr>
<tr>
<td>Number of outlet</td>
<td>11</td>
</tr>
<tr>
<td>W₀ (m)</td>
<td>0.64</td>
</tr>
<tr>
<td>Tₛ (m)</td>
<td>0.15</td>
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<tr>
<td>PKW cost (k€)</td>
<td>340</td>
</tr>
<tr>
<td>Total project cost (k€)</td>
<td>500</td>
</tr>
</tbody>
</table>

### Comment:
Beginning of the solution (2008-2010) – M.Lempérière directly involved in the solution and in the acceptance of this new solution