Dam’s name: GLORIETTES
PKW’s year of Construction: 2010

Country: France
## Progress of work:
- Built

## Dam’s owner:
- EDF

## Consultant and physical model laboratory:
- EPFL-LCH

## Contractor:
- Razel / Alpharoc

## PKW location:
- On a gravity wall extending the abutment dam

## Downstream energy dissipation type:
- Spillway chute

## PKW purpose:
- Increase discharge capacity

## PKW discharge capacity at MWL (m³/s):
- 90

## Surveillance devices (Presence and type):
- No

## Aeration (type and diameter of the pipe):
- PEHD pipe of 160 mm of diameter

## Overflowing Frequency:
- Annual

## Number of overflow known:
- 1 to 10

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

## Material of the PKW:
- Reinforced concrete

## Type of model used:
- Physical

## Type and number of other spillway:
- 4 uncontrolled spillways

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>B (m)</td>
<td>9.96</td>
</tr>
<tr>
<td>P (m)</td>
<td>3</td>
</tr>
<tr>
<td>W (m)</td>
<td>16.5</td>
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## Comment:
A side channel spillway had to be built because it was undesirable to pass flood water over the dam.