Dam’s name: GIRITALE
PKW’s year of construction: 2013
Country: Sri Lanka
### Progress of work:
Built

### Dam’s owner:
Irrigation Department of Sri Lanka

### Consultant:
Engrs. H M Jayatillake & K T N Perera (Studies & Designs)
Hydraulics Laboratory, Irrigation Department of Sri Lanka (Physical Model)

### Contractor:
Irrigation Department of Sri Lanka

### PKW location:
Enclosing the existing ogee spillway

### Downstream energy dissipation type:
Stepped Spillway + tailrace channel

### PKW purpose:
Increase reservoir capacity

### PKW discharge capacity at MWL (m3/s):
83

### Dam design flow (m3/s):
112

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

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

### Overflowing Frequency:
Annual

### Number of overflow known:
2

### Maximum head on PKW experienced (m) and date:
0.2, 21/12/2014

### Type and number of other spillway:
None

### Material of the PKW:
Reinforced concrete

### B (m):
7.2

### P (m):
2.4

### W (m):
36.9

### L (m):
129.9

### Number of inlet:
7

### W_i (m):
2.5

### Number of outlet:
8

### W_o (m):
2.0

### T_s (m):
0.30

### PKW cost (k€):
220

### Total project cost (k€):
Not applicable

### Comment:
First PKW spillway built in Sri Lanka.