

CeramAlloy Repairs and Protects Wicket Gates at Spanish Hydroelectric Power Station



One of Spain's largest hydroelectric power stations was experiencing erosion and corrosion on its turbine wicket gates.

The station's engineers attempted to solve this problem by welding, but to no avail. Erosion damage was returning and deeper than before.

The regional ENECONIbérica Fluid Flow Systems Specialist was approached about a better, long term solution.

Upon review of the situation, it was recommended that the erosion damage (pitting) on the wicket gates be rebuilt with CeramAlloy CP+AC, followed by two coats of CeramAlloy CL+AC.

After the turbine wicket gates were repaired and resurfaced, the result was a smooth surface that is more erosion and corrosion resistant than the original metal.

