10 Steps to Repair a Failing Vertical Pump



Hydro Reliability Services was called into a combined-cycle plant to determine the condition of the plant's two condensate pumps. Losing one of the pumps to failure would cause the plant to be vulnerable to unplanned downtime and huge expenses.

In concert with various Hydro divisions, Hydro Reliability Services was able to perform a health audit to identify performance issues, establish root causes to those issues using modal analysis, test solutions to the issues using finite element analysis, implement structural modifications to address those issues, test the effectiveness of those modifications using performance testing, and monitor the performance of the pump in the field with wireless condition monitoring.

Hydro has the knowledge, experience, and technology to resolve these types of pump issues within the workshop and the field, which positions us as a total solutions aftermarket pump company.

Read the full article, *10 Steps to Repair a Failing Vertical Pump*, in Pumps and Systems here.