



## (Free Webinar) Resonance: A Sleeping Giant



Hydro is pleased to announce we will be collaborating with Pumps & Systems to host a webinar focusing on structural resonance. The free webinar will be held on Thursday, **October 21, at 11 a.m. CDT.**

Resonance is a condition that is often misdiagnosed and commonly goes undiagnosed, resulting in persistent high amplitude vibration issues for long periods. Resonant excitation occurs when a forcing function (generated by rotating equipment) coincides with a structural natural frequency. This problematic occurrence typically results in highly directional vibration and increased amplitudes that can be difficult to resolve without the proper engineering approach.

Resolving structural resonance problems can be quite expensive when trial and error methods are attempted in the field (such as trying to stiffen or detune a structure). This webinar will focus on ways to identify structural resonance and how to eliminate the high vibration amplitudes that commonly accompany it without the guesswork. Hydro Reliability Services' Glen Powell, Reliability Engineer, and Kyle Bowlin, General Manager, will be presenting.



**Interested in attending the webinar?** Sign-up on [Pumps & Systems](#)