

POWER LINE HARMONICS SOLUTIONS

Keep Your ESP Operations On The Grid

Pressure From The Power Company? Call Valiant.

If your wellsite is at risk of being penalized or shut off by the utilities, you need a service company with experience addressing power line harmonics. Most companies will promote a single technology to fix the problem, but without investigating the issue, you have no way of knowing if it's right for your application.

Achieve Compliance Without Overspending

Valiant Artificial Lift Solutions is committed to keeping your wellsite powered and profitable by putting service above products. We start by performing a complete assessment of your power line harmonics problem and then providing conditions-based solutions tailored to your site.

As a service provider that understands operators' harmonics issues, we can help you make the right decisions for your well. Plus, our solutions are compatible with any variable speed drive in most cases, so you can keep the equipment you own.

When your revenue stream is under threat, don't panic - let us be your first call. From discovery to solution, we can help you get back on track.

Validate responsibility

- Before investing in a solution, determine whether or not your well is part of the problem

Mitigate total harmonic distortion

- Address the problem head-on and avoid power systems resonance issues

Avoid increased electrical costs

- Achieve IEEE 519 compliance and maintain good standing with the power company

We Can Help

- › Conduct harmonics measurement and analysis
- › Diagnose problem source
- › Recommend the best course of action
- › Implement a solution fit for your environment and application

Service In Action

When a major operator in the Permian needed immediate intervention to regain compliance with the utilities, Valiant reviewed their situation and recommended implementing a harmonics filter on its wells. Out of all the service companies involved, a post-action review conducted by the power company proved that Valiant's solution was the most effective for reducing harmonic distortion.

In a separate application, Valiant helped a Mid-Con producer remedy their harmonics problem and save money. While the previous supplier recommended an active-front-end drive, Valiant analyzed the conditions and found a more efficient and cost effective solution. Rather than choosing an expensive off-the-shelf product, Valiant recommended what was best for the customer.



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