



ENERSAVER® GENERATIVE DRIVE SYSTEM



REPURPOSING ENERGY FOR REAL SAVINGS

THE ENERSAVER GENERATIVE DRIVE LOWERS MONTHLY OPERATING COSTS



With increasing pressures to improve profitability and ever climbing electricity costs, producers in today's market face many challenges in their endeavor to be more efficient, use less energy, and lower operating costs.

Research shows that on a typical operating reciprocating rod pumping (RRP) pad, electricity costs account for as much as 40% of a producer's operating expenses, and producers often face penalty charges from harmonics, wasted energy, and poor power factor. These factors and costs can significantly affect business. The EnerSaver® Generative Drive System single-handedly helps reduce a producer's costs and environmental impact. When an EnerSaver drive system is installed on an RRP pad, a producer can convert otherwise wasted energy in the form of heat to electricity, and then repurpose and share the electricity on the pumping unit pad to create a microgrid. This results in reduced direct energy consumption and a reduced monthly power bill.

UL 1741 COMPLIANT

As a micro-generator, the system must meet strict utility grid interconnection performance requirements, such as anti-islanding, power quality, interconnection integrity, and specific operating voltage to be allowed to connect to the utility grid. The Lifting Solutions EnerSaver system is North America's only inverter in the artificial lift market that is certified to UL 1741 (CSA 22.2 107.1) standards.

FEATURES AND BENEFITS

The EnerSaver Generative Drive System delivers average annual power costs of greater than 28% by affecting 5 key touchpoints:

1. Less energy is purchased from the utility, which reduces energy costs
2. Associated transmission and distribution losses are eliminated
3. Demand is reduced through regeneration and power allocation via the microgrid
4. Initial capital investment is reduced for new oilfield pad applications because of the reduction in demand requirements
5. Additional penalty charges for less than perfect power factor (utilization efficiency) are eliminated