

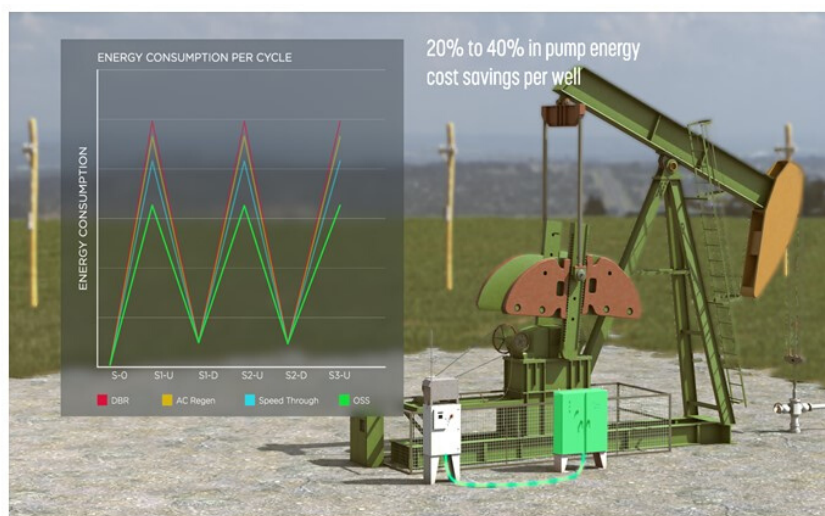


On  
Site  
Storage

Power is at the top of the list when assessing oilfield operating expenditures. Producers are constantly searching for solutions to lower lease operating expenses (LOE) and align with the company's environmental, social and governance (ESG) initiatives. Power Sentry has developed a solution that can reduce kWh usage and peak demand by upwards of 20% in addition to enhancing your organizations ESG rating. OSS is truly unique in that our capabilities far surpass that of any other product available today.

## How does OSS work?

The Power Sentry OSS system utilizes capacitor-based storage technology to capture and reuse the regen energy of pump jack and rod lift systems to reduce kWh usage and peak demand, typically reducing power consumption requirements from utilities by greater than 20%.



### OSS versus Current Methods

- Today, regen energy is burned off as heat through the braking resistor. This is wasteful and inefficient.
- AC regen drives will convert regen energy to useable power for sale back to the grid. This option is expensive and the savings are negligible.
- Speed through will use the wasted energy but mechanical failure is inevitable.

**No measurable energy savings. Not environmentally friendly. Negative impact on ESG rating.**

## Benefits

Can reduce kW and kWh by upwards of 20% which translates into >\$500 per well, per month.

No additional land or grid infrastructure is required as is the case with solar farms or wind turbines.

Qualifies for Social and Environmental factors to increase an organizations ESG rating.

Reduce the strain on the grid by shaving peak demand.



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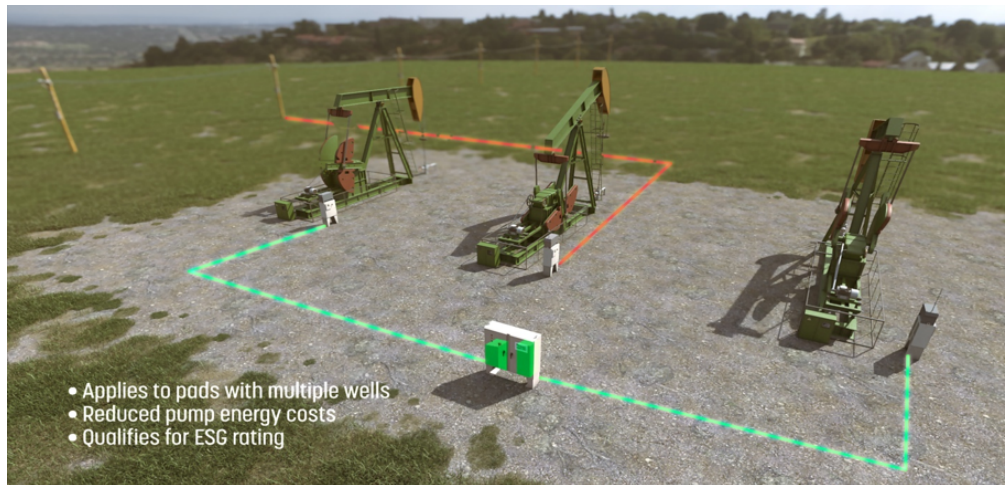
# Safety

Safety is at the forefront of our mind in every task we undertake, and OSS is no exception. OSS has been designed to constantly monitor for over voltage, current usage and temperature conditions. The system also pre charges via independent circuitry, further limiting unnecessary contact with the VSD. The unit complies with all UL requirements and the enclosure is built to NEMA 3R standards.



## NEMA 3R

## Install OSS on Multi-Well Pads



*Where is OSS currently installed?*



## About Power Sentry

technology  
loop  
esg saving  
power utility  
reduction

Power Sentry is an industry leader in providing innovative solutions for power management. We are passionate about delivering technology that serves the dual purpose of reducing operating expense and improving ESG outcomes for our clients.

Power Sentry is in proud partnership with CSL Capital Management, a Houston-based private equity firm specializing in energy services, equipment, and technology.

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