



POWERSAVE

HIGH-EFFICIENCY ESP SYSTEMS

Drop ESP Power
Use up to 50%!



Why Waste Electricity and Money When You Don't Have To?

PowerSave high-efficiency ESP systems use permanent magnet motor (PMM) technology and aerospace-inspired pump stage design—made possible with powder metallurgy manufacturing techniques—to dramatically improve ESP efficiency. These technologies reduce power waste lost to heat, effectively delivering more power to the pump.



THE CHEAPEST ELECTRICITY IS THE ELECTRICITY YOU NEVER HAD TO USE

Get the permanent magnet motor advantage

Compared to outdated asynchronous induction motors, PMMs:

- Consume less electricity
- Deliver more power at higher RPMs
- Run cooler and reduce vibration
- Adjust to accommodate changes in flow in and phase

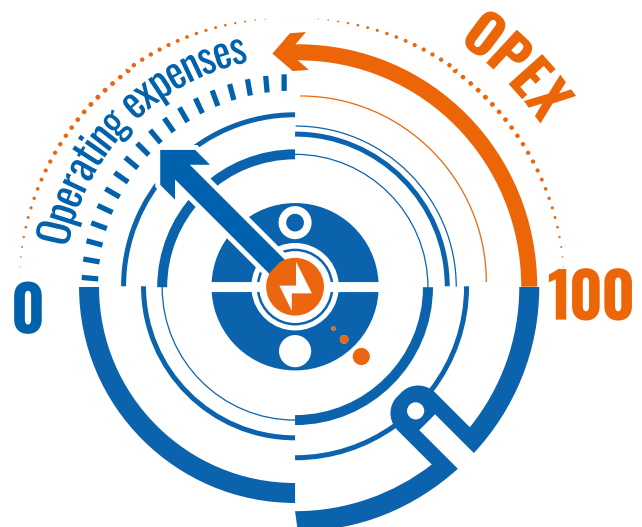
Improve lift with high-precision pump stages

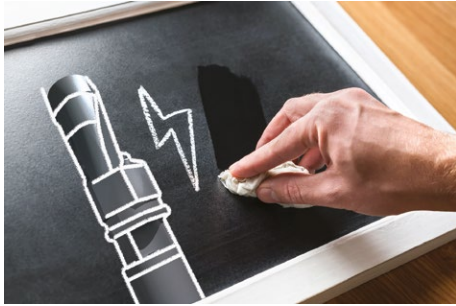
Compared to clunky sand-cast stages and components with rough surfaces, aerospace-inspired powder metallurgy pump stages and components:

- Consume less electricity
- Reduce fluid friction to increase efficiency
- Produce more fluid per foot, decreasing pump length
- Reduce wear and vibration to improve runlife

More than
10,000
installations

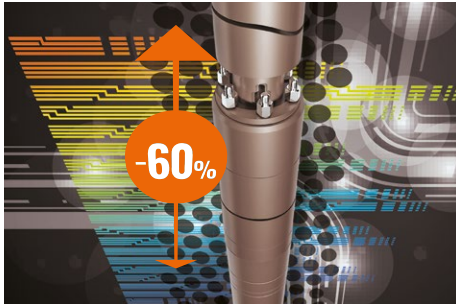
Over
300 million
kWh saved





Cut ESP Power Consumption up to 50%

Using electricity responsibly is all about efficiency and avoiding heat, which is nothing more than wasted energy. PMMs require less electricity than an induction motor and can be sped up or down to optimize the power-to-production ratio. High-precision pumps lose less electricity to heat, dramatically lowering the power needed to pump a given volume of fluid



Reduce ESP Length by 60% While Improving Performance

By increasing efficiency, PowerSave ESPs deliver more pumping power and performance in a shorter system. The PMM offers more power at higher RPMs and the advanced pumps produce more fluid per foot. These high-efficiency ESPs are lighter, easier to install, and more maneuverable than competing systems.

Specifications

	Size	Flow Rate	Head	Max RPMs	Efficiency
SlimLine ESPs	2.72 in. 69 mm	151-755 bbl/d 20-100 m ³ /d	11,483 ft 3500 m	5820	45-57%
	3.19 in. 81 mm	189-2,415 bbl/d 25-320 m ³ /d	11,483 ft 3500 m	5820	40-70%
	3.62 in. 92 mm	251-3,019 bbl/d 20-400 m ³ /d	11,483 ft 3500 m	5820	46-66%
PowerSave ESPs	4.06 in. 103 mm	755-3,774 bbl/d 100-500 m ³ /d	11,483 ft 3500 m	5820	67-71%
	5.35 in. 136 mm	2264-16,982 bbl/d 300-2250 m ³ /d	9,843 ft 3000 m	4660	67-76%
	6.77 in. 172 mm	12,076-18,869 bbl/d 1600-2500 m ³ /d	8,202 ft 2500 m	3500	75-76%



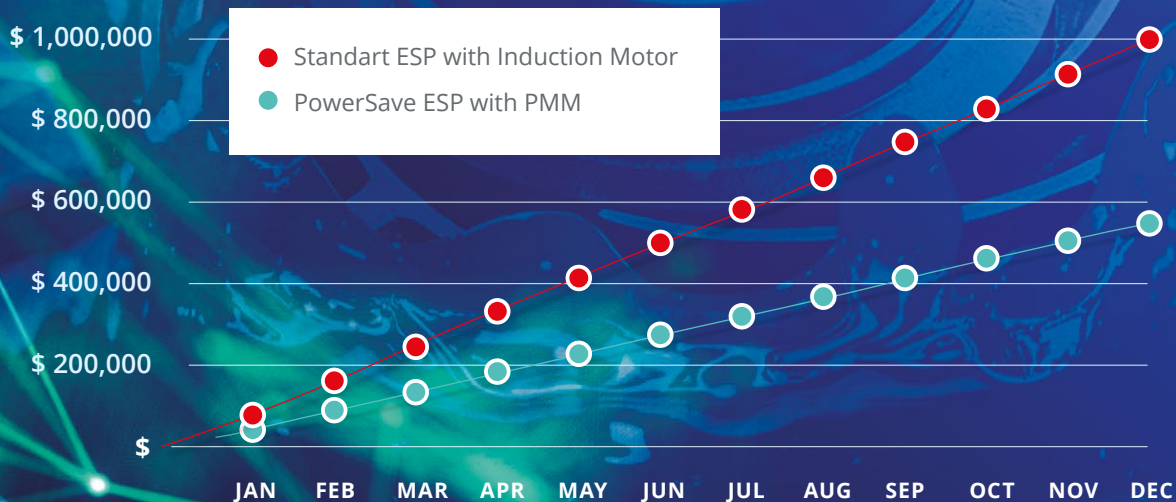
Visit NovometGroup.com/powersave or contact us today to learn how a PowerSave ESP system can help you save up to 50% on your monthly ESP power bill

STOP WASTING ELECTRICITY. DELIVER MORE POWER TO THE PUMP.



Recently, a PowerSave ESP reduced monthly power consumption from 103,440 kWh to 57,440 kWh in an Oklahoma well producing 2,500 bbl/d (400 m³/d). Extending that performance across just 10 wells, assuming \$0.08 USD per kilowatt hour, the OPEX savings add up quickly at over \$440,000 USD per year.

Cumulative Power Cost for 10 Wells



Houston and Midland, Texas | Cody, Wyoming | Devon, Alberta | Weyburn, Saskatchewan

Call the PowerSave team today at +1 713-306-9883.

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