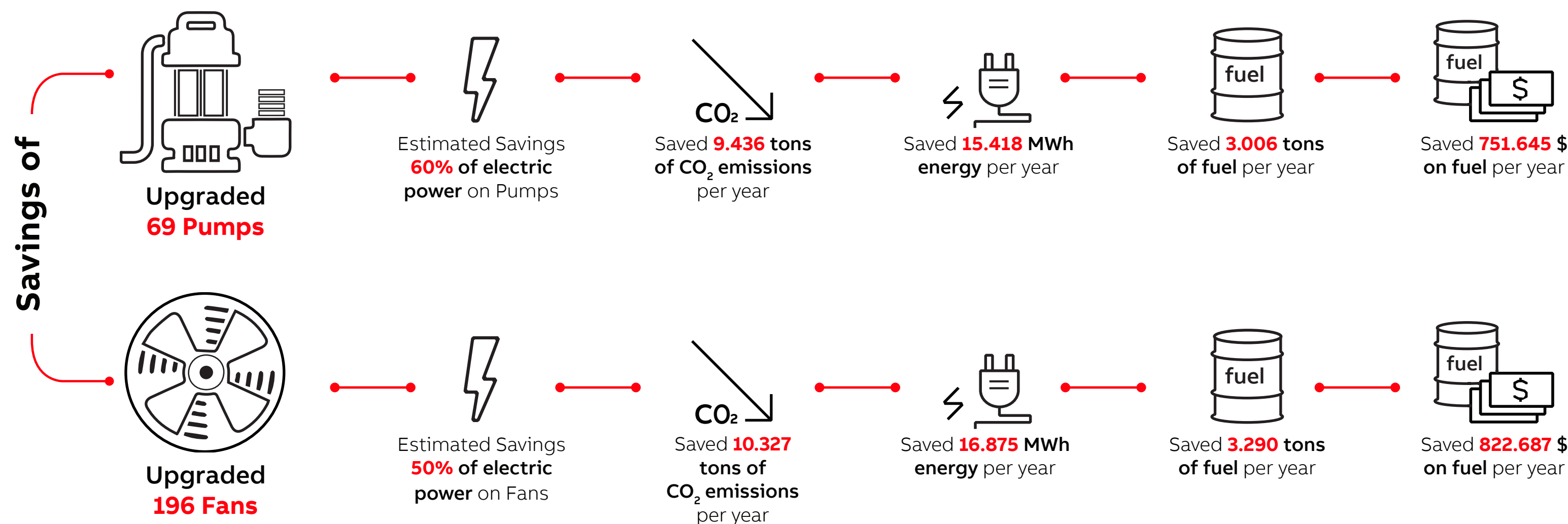


# Energy efficiency solutions

## S.W. Cooling Pumps & Engine Room Ventilation Fans



ABS Product Design  
Assessment (PDA)

### ABB Delivered Equipment

**144** System Cabinets, **76** PLCs, **265** VFDs, **64** Energy Reporting Touch panels, **56** Differential Air Pressure Sensors, **32** Absolute Air Pressure Sensors, **55** Absolute Sea Water Pressure Sensors, **64** Fresh Water Temperature Sensors, **138** Air Temperature Sensors

### The above facts are based on the side assumptions

SFOC	0,195 kg / kWh
CO <sub>2</sub> Emissions	0,612 kg / kWh
Fuel Price Per Tn	250 \$
Yearly Sailing	300 days