

CASE STUDY

Avoidance of Unexpected Downtime for Critical Turbine on an Offshore Platform

Fluitec's ESP leads to a reduction in bearing temperatures

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TOTAL SAVED
\$2.5M



CLIENT: Offshore Platform

COUNTRY: Australia

APPLICATION: Solar Gas Turbine

COST SAVINGS: \$2.5M

OIL SAVINGS: 700 gals / 2,650 liters

SOLUTION: ESP

PROBLEM

Bearing temperatures on a critical Solar Taurus 70 Turbine in an Offshore Platform began to increase rapidly and the MPC values climbed into the Monitor range. These values triggered fears of an untimely shutdown of the unit which would cause major delays.

SOLUTION

Fluitec's **ESP** unit was installed and within one month the MPC values returned to the normal range and the temperatures dropped into regular operating values.

RESULTS

- Decline in MPC (from 22 to 10) after installation of ESP unit
- MPC levels maintained the normal range < 10
- Bearing temperatures returned to regular levels
- No unexpected downtime or reduction in availability

