

case study

DECON AO Extends Oil Life of Critical Turbines for Australian Power Plant

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Problem

Three turbines at a major power plant in Australia experienced rising MPC levels, risking potential outages.

Solution

The company added **DECON™ AO** to each turbine and compared the results across the fleet.

Results

DECON AO reduced MPC values and increased antioxidant levels in each turbine, extending the oil's lifespan. This intervention prevented potential shutdowns or trips, ensuring continuous energy supply to the grid.

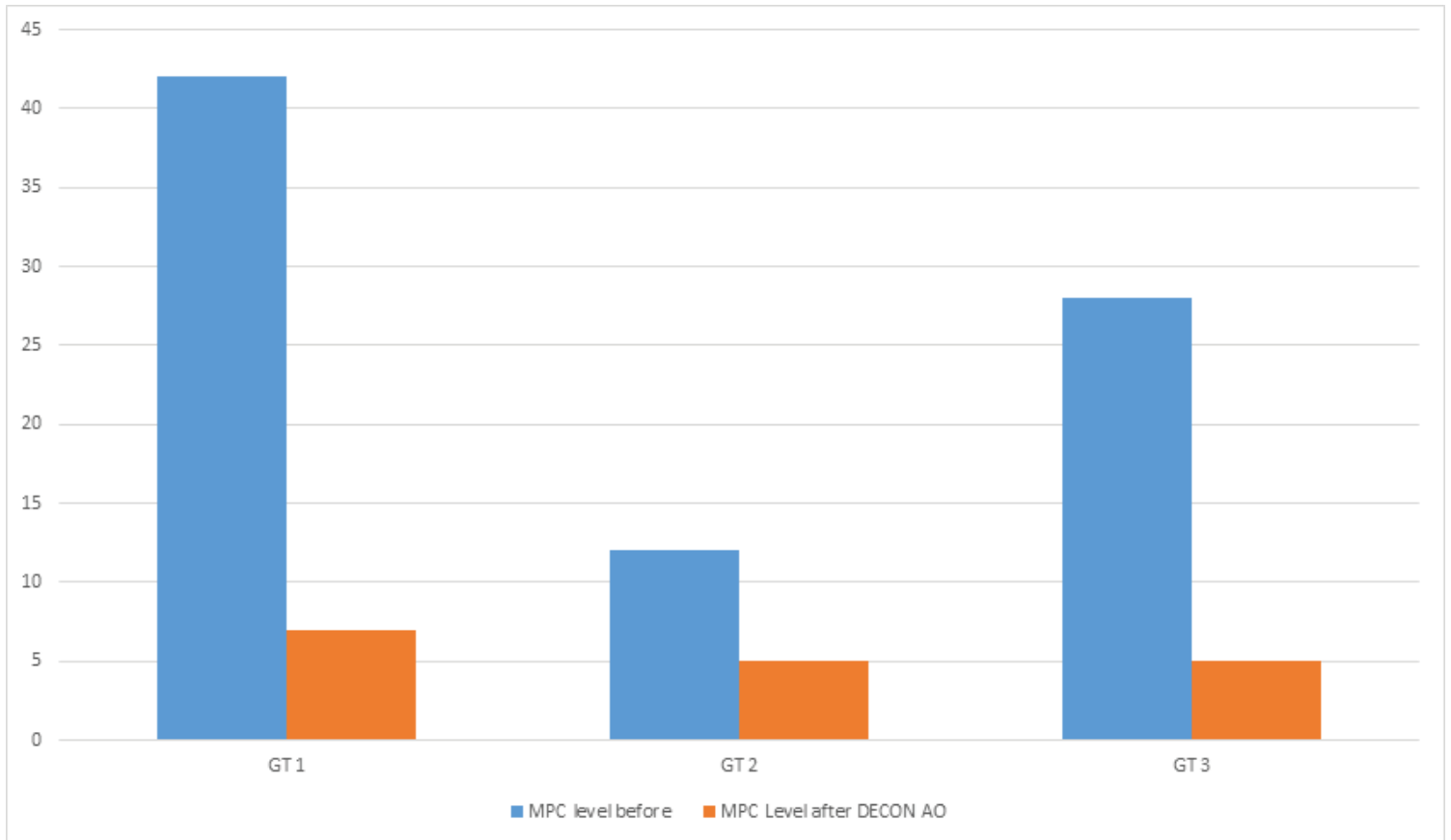
Total Saved

\$742K

Client:	Major Power Company
Country:	Australia
Application:	Turbine
Cost savings:	\$742,000
Oil savings:	24,500 liters (each turbine)
CO2e kg saved:	685k CO2e kg
Solution:	DECON AO



CHANGE IN MPC LEVELS FOR GT1, 2, & 3



Turbine	MPC level before	MPC Level after DECON AO
GT 1	42	7
GT 2	12	5
GT 3	28	5

