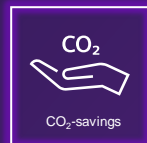
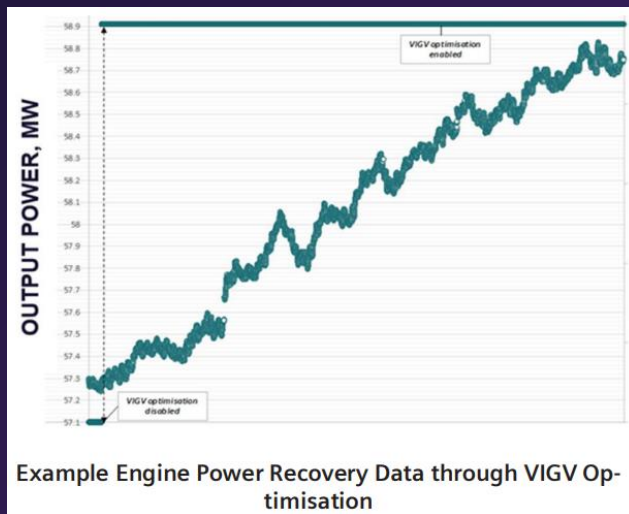
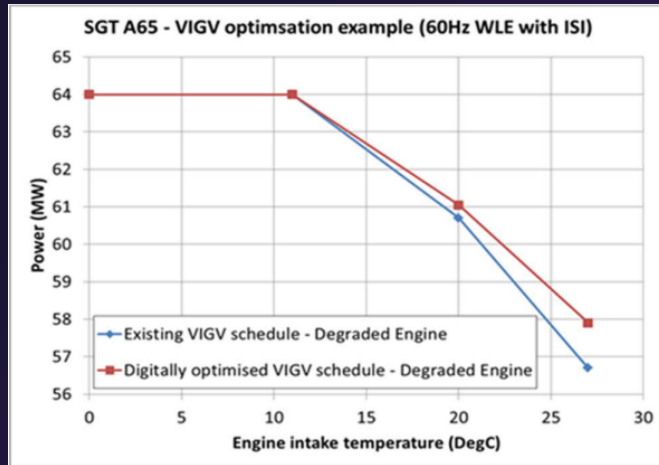
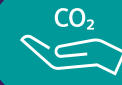


# VIGV Dynamic Scheduling Upgrade

Applicable fleet: SGT-A65



Equivalent  
to ~10%  
H2 blend



Up to 3.8% CO<sub>2</sub>  
reduction per  
MWh

## Product Overview

This SGT-A65 software-based solution provides additional power at higher ambient temperatures through the reschedule of the Variable Inlet Guide Vane system for units that are operating at their TGT limit.



## Improved Features

- Improvements in degradation levels within the SGT-A65.
- Additional power output at higher ambient temperatures.
- Intelligent calculation of VIGV optimum position.



## Benefits

- Estimated power increase within the range of 0.5MW – 2 MW.
- Efficiency is maintained.
- No significant downtime to implement the mod as it is purely software based.



## Scope of work & Implementation

- The upgrade is completed **on site**, with the actual installation only taking a couple of hours. Extra time should be allowed for the FSR to observe the start-up procedure.

