



Fuel Gas Boosting

On the Isle of Wight, P3P developed a dedicated energy center to provide heat, power and CO2 to the onsite glasshouses. The project consisted of two 5.5 MWe Rolls Royce gas engines and associated CO2 and heat recovery equipment. To overcome the low pressure in the national gas grid, fuel gas boosting was required. CSH delivered two skid mounted Fuel Gas Boosters, installed in a noise attenuating enclosure, to increase the fuel gas pressure to 5 bar(g) at a gas flow of 1250 Nm³/h.

Customer	P3P Partners LLP
End user	Glasshouse Generation Services Ltd.
Location	Chicester, Isle of Wight, United Kingdom
Year of delivery	2015
Dimensions	4500 x 3000 x 3200 mm
Weight	14000 kg
Type compressor	Oil injected rotary screw compressor
Brand	Gardner Denver compressor, type SSQG
Certification	ATEX Zone 2, Gas Group IIB, T3
Specific features	PLC control system for local and remote control, drop over type noise attenuating enclosure (<70 dB @ 1m)

