- DISPENSER CALIBRATION & ANNUAL INSPECTIONS
- TEMPERATURE COMPENSATION MODIFICATIONS FOR PETROL DIESEL AND LPG
- UK DISTRIBUTOR FOR E.MEURS & COMAPRO PRODUCTS
- BREAKDOWN MAINTENANCE PROVIDER
- QUALITY ABOVE & BELOW GROUND LPG INSTALLATIONS
- BESPOKE FORECOURT INSTALLATIONS
- PIPEWORK DESIGN & INSTALLATION
- **VESSEL TESTING**
- CRANED TANK SITING & DELIVERY



**New Quay Road Felnex Trading Estate Newport NP19 4PL** 

Tel.No. +44 (0)1633 274433 Fax. No. +44 (0)1633 277233 Email info@lpgasuk.com





The Proof of the Pudding is in the Eating !......DTVC really does work... Live site data retrieved from LPG dispensers with Meurs DTVC installed......

In order to show the financial benefit to the having DTVC or temperature compensation fitted to LPG dispensers, the following screen shots and accompanying tables are actual data from some of the sites that we currently have DTVC installed. The table details the relevant data with a calculated overall gain or loss assuming a price per litre of 52.9 pence per litre which is indicative of retail LPG price at present



LPG site ,Norfolk						
Date DTVC and dispenser I	22.01.2008					
Date of above Monitor program download: 07.07.2008						
Dispenser No	Side 1	Side 2				
Uncompensated sales ( Litres)	128308.00					
Positive compensation [P]	1706.00					
Negative compensation [N]	329.00					
Compensated sales (Litres)	129684.00					
Total benefit to retailer (Litres) [P-N]	1377.00					
Financial benefit to retailer at £0.529/L	£728.43					

Monitor							
					Reception er Green		
Device Infa		Measurement			Calcul		
80:C1:53:AC:		Temperatur			ne (%):	100.0	
Model:	DTVC	Pressure (b	*	8.09	Butane (%):		0.0
Firmware:	v2.06	vapour pres	ssure (Dar):	sure (bar): 7.99 Conversion factor		ersion lactor:	0.992
Status	Total counters —						
All OK	Quantity Tap 1 (liters) Tap 2 (liters)						
Calibration mode	Uncompensat				0		
	+ Positive cor - Negative cor			5135 683	0		
Vapour pressure	Compensated					<u> </u>	
Bypass SSN	GOT IPO NO GO	TOTAL TO	137307				
Calibration mem	Calibration mem Last fill counters						
Counter mem	Quantity		Tap 1 (liters)			Tap 2 (liters)	
Temp. Press.	Uncompensat			_	2.73		0.00
	+ Positive con - Negative con				0.00 0.06		0.00 0.00
F/P error	Compensated				2.67		0.00
Overflow error	2240.0000		0.0 l/r	min (app		0.0 l/min	n (approx.)

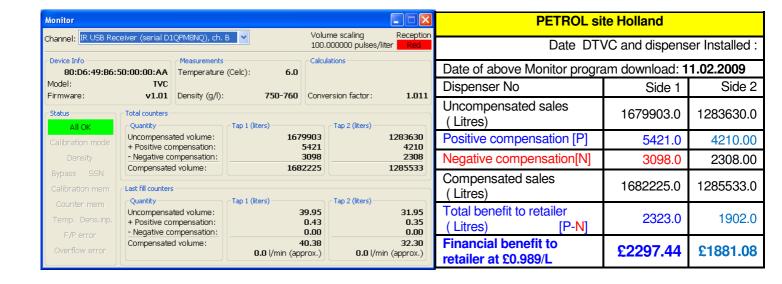
LPG site, South Wales					
Date DTVC and dispenser Installed : approx 24 months ago					
Date of above Monitor program download: 22.07.2008					
Dispenser No	Side 1	Side 2			
Uncompensated sales ( Litres)	431935.00				
Positive compensation [P]	6135.00				
Negative compensation [N]	683.00				
Compensated sales (Litres)	437387.00				
Total benefit to retailer (Litres) [P-N]	5452.00				
Financial benefit to retailer at £0.529/L	£2884.11				

**UK** Distributors for











PETROL Site Holland					
Date TVC and dispenser Installed : approx 24 months					
Date of above Monitor program download: 30/01/2007					
Dispenser No	Side 1	Side 2			
Uncompensated sales ( Litres)	668813.00	524992.00			
Positive compensation [P]	2347.00	1870.00			
Negative compensation [N]	1318.00	1027.00			
Compensated sales ( Litres)	669842.00	525836.00			
Total benefit to retailer (Litres) [P-N]	1029.00	843.00			
Financial benefit to retailer at£0.989/L	£1017.68	£833.72			



Each of the above shows that the system works and that overall the retailer would be losing out if DTVC were not installed.



It can also be readily seen that there is an imbalance between positive and negative compensation, giving a clear indication that winter and summer do not balance out in the UK as is commonly advised by some quarters of the industry

As with all fuel related technology, the benefits are sales volume related, and payback times will be pro rata the sites annual volume. High volume sites will obviously payback quicker than low volume sites, although it is clear to see that almost all sites will have an overall positive financial benefit as a result of having DTVC fitted

From trials in Holland and Europe, the benefits to the retailer from installing TVC onto petrol and diesel dispensers gives similar results albeit on a smaller % as the temperature coefficient of expansion is less than that of LPG. However this is compensated for by the fact that sales volumes are much higher.

**UK** Distributors for



