

## Case Study One New Change

**/ONE NEW/  
/CHANGE/**  
Play in the City



Neil Lawson  
Technical & Operations Director  
GI Energy/ESB







Rig setup



Hand dug pilot hole



Lifting casing into place











Tuesday, 09 July 2019



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Depth 20m  
General view of casing above  
water table



Depth 54.24m  
Water level in well  
Bottom of casing 54m



Depth 56.6m  
Well wall consists of chalk with  
flint nodules and ledges





Depth 57m

Open fissures. Brown sand lying on ledges and fissure planes.



Depth 64m

Light orange discolouration in and around fissures in the chalk



Depth 57.7m

Iron staining from nodule associated with fissure. Sand sized grains, possible iron precipitate, on horizontal ledges.





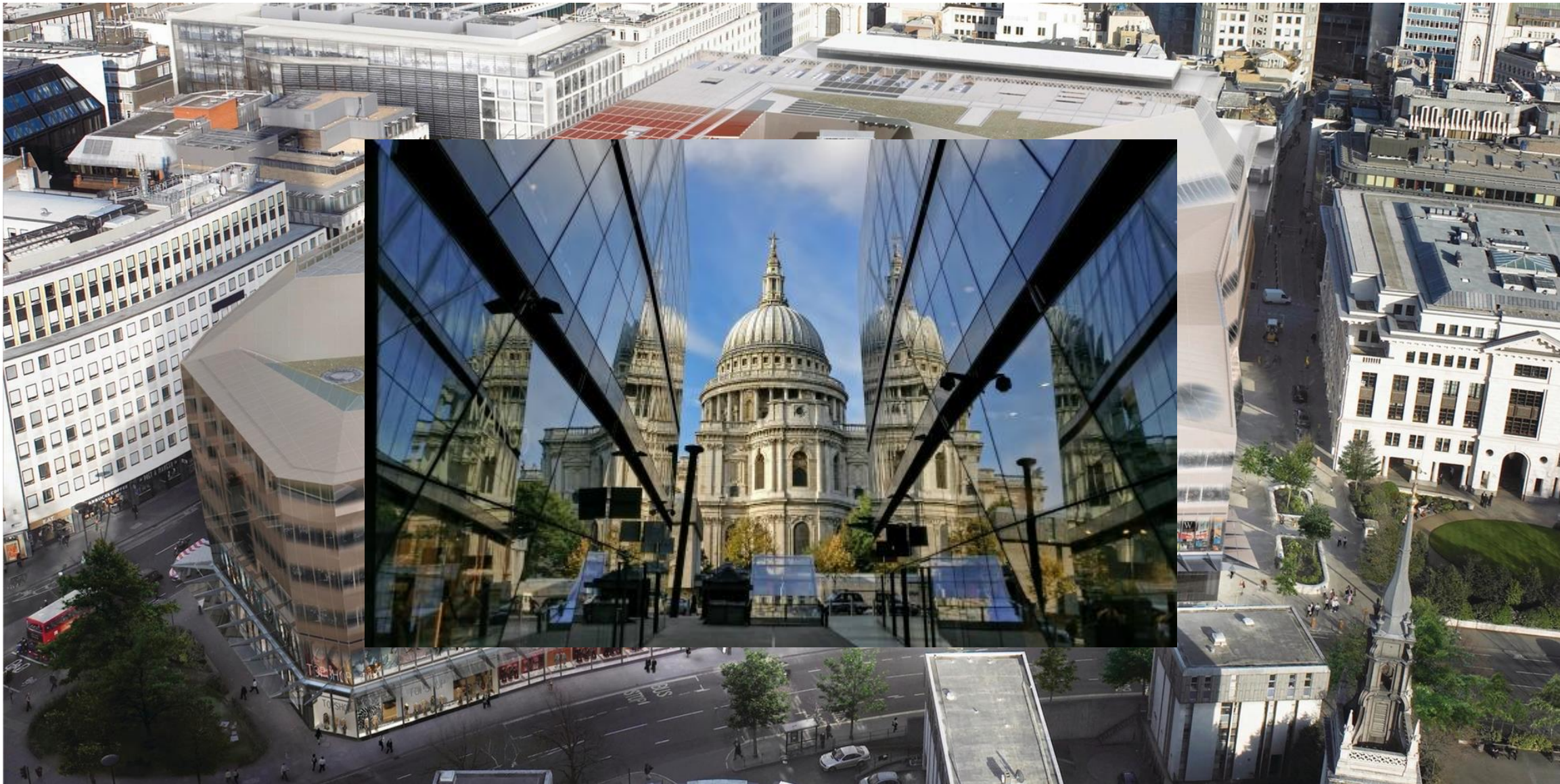
Depth 58m  
Flint ledge in chalk face.



Depth 125m  
Good visibility to the bottom of the well at 127m.



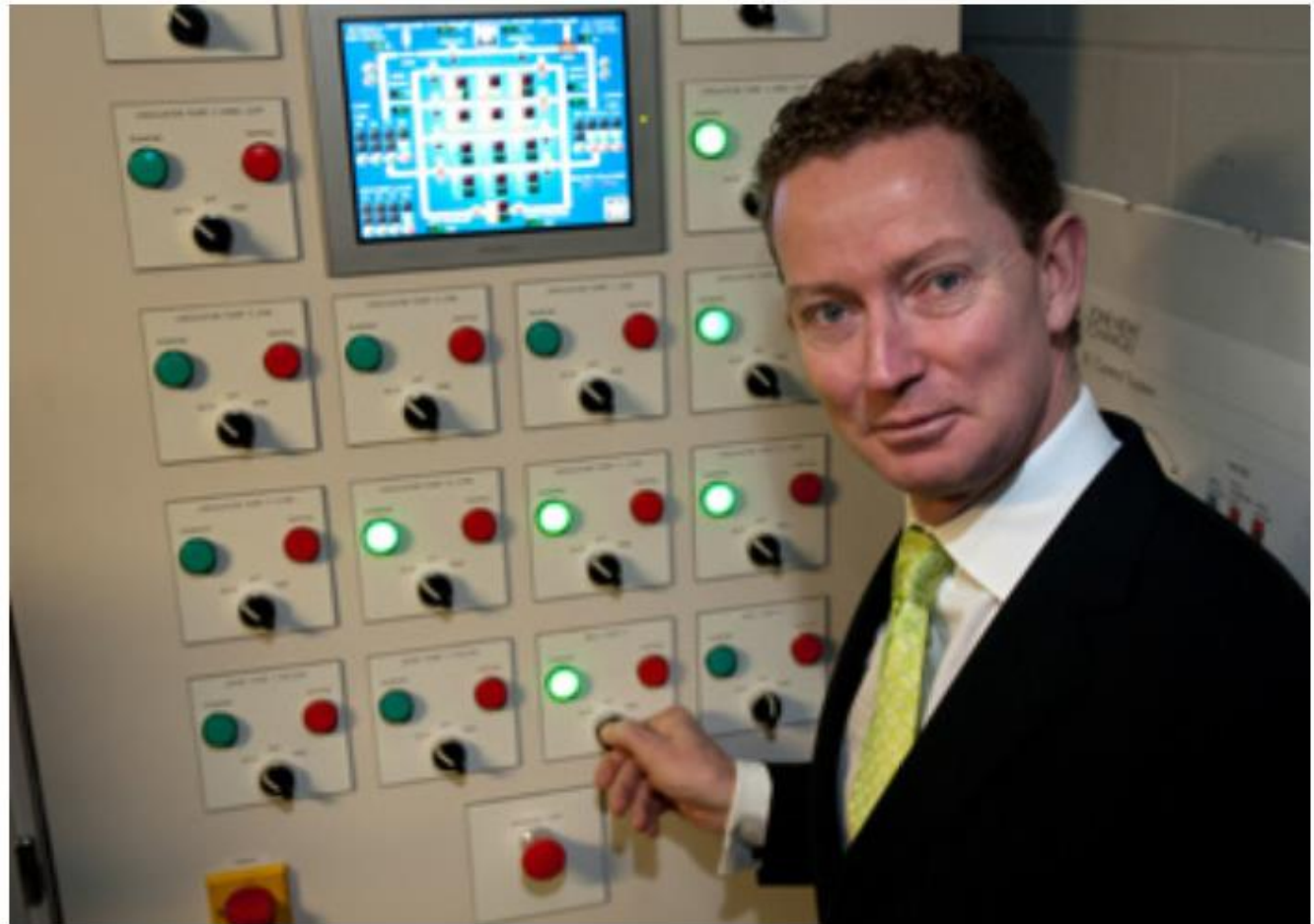






## Key Facts

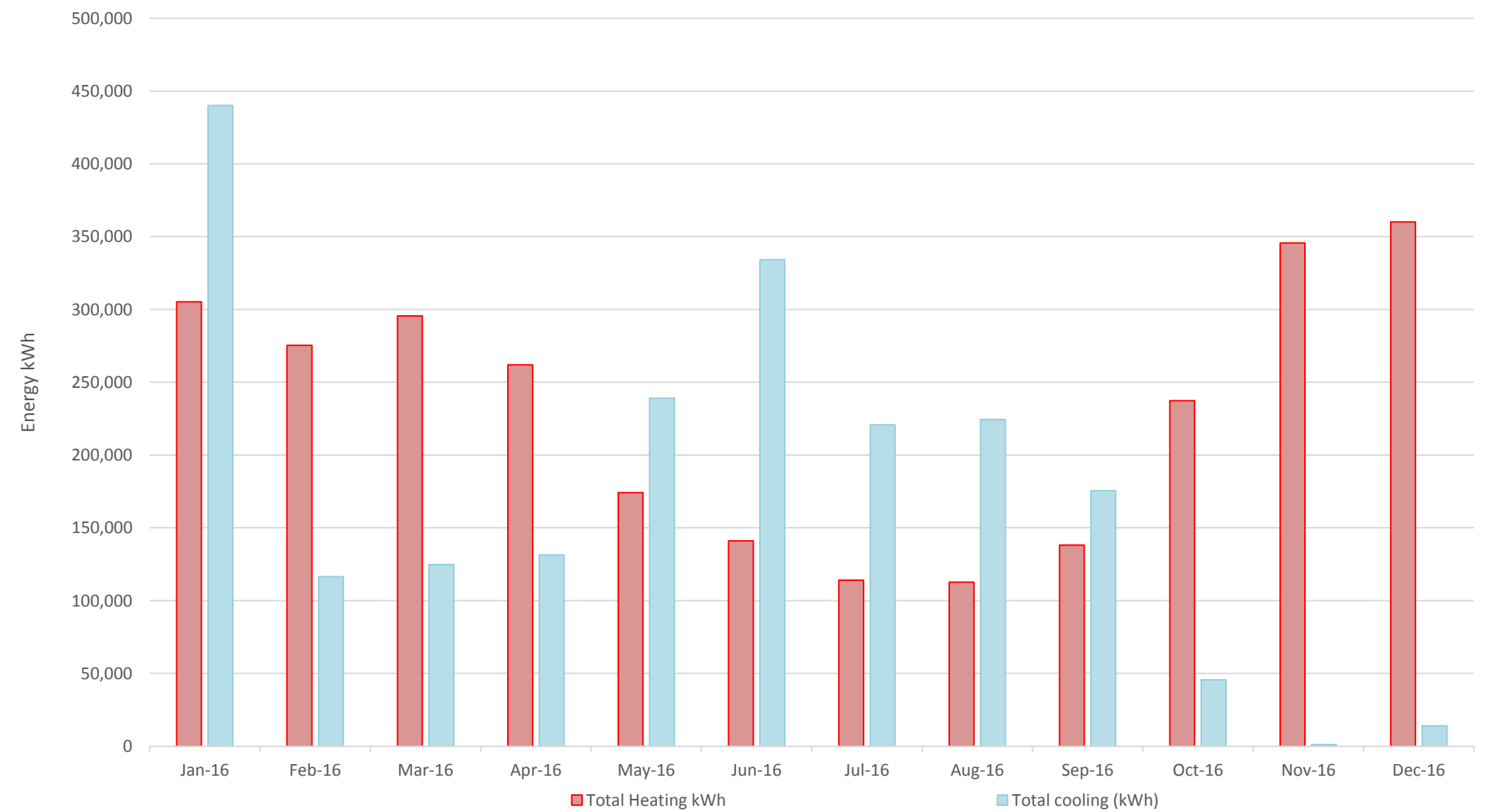
- Ground Source Heat Pump System
- Energy Piles™ (1.5MW)
- Open Loop (min. 600kW)
- Hybrid System
- Up to 2,300 kW Cooling
- Up to 2,400 kW Heating
- Advanced Controls
- 192 Piles up to 45m Deep & 2.4m Wide
- One Pair of Reversible Open Loop Wells
- Completed 2010

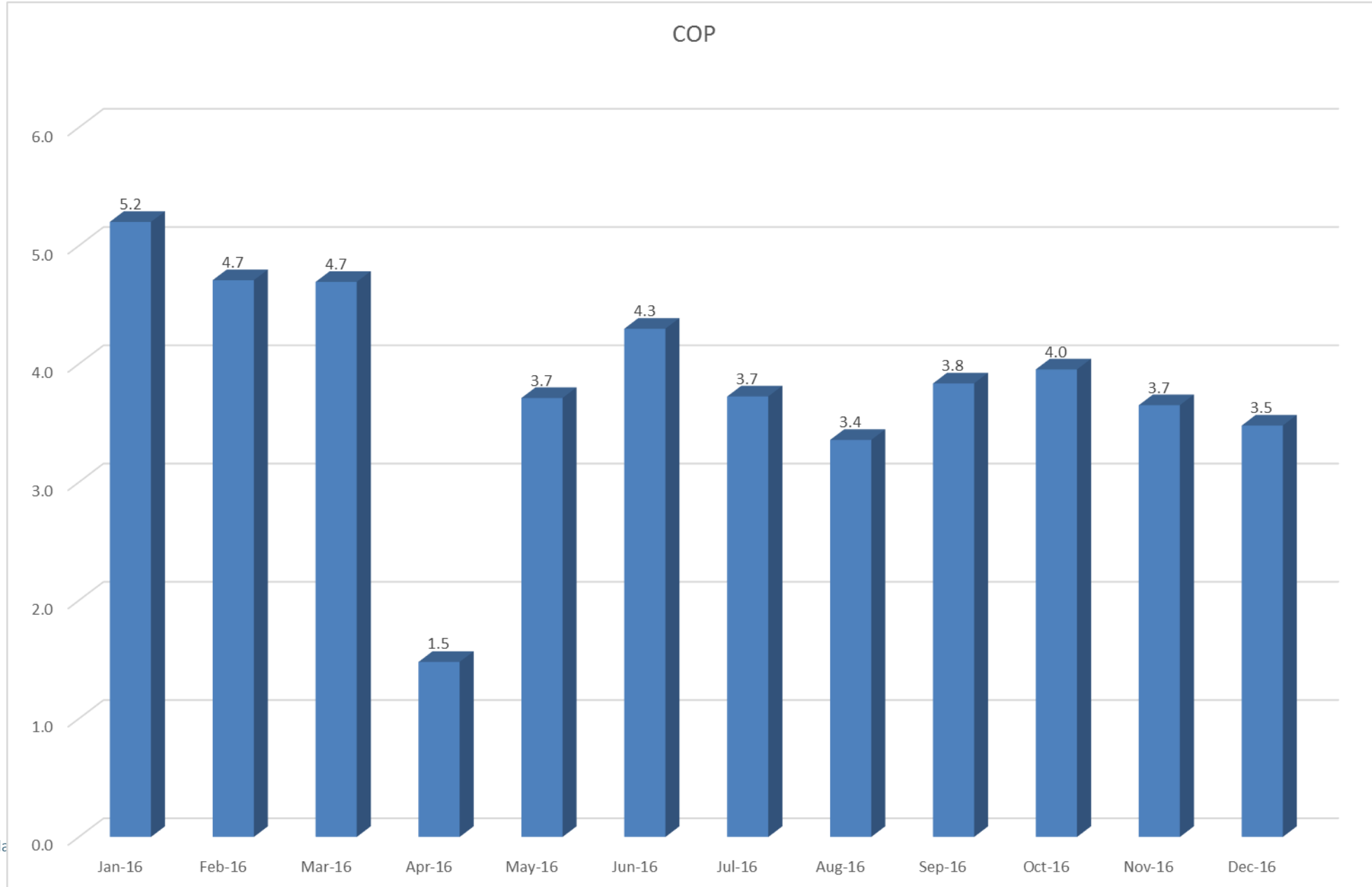


Opened by Greg Barker, Minister of State for Climate Change



Energy Delivered by GSHP







Any questions?