

## Candidate Information – Other SEC Parties

### Alastair Cobb – Landis+Gyr

Alastair holds the position of Product Manager with Landis+Gyr. He has been involved in the UK SMIP programme since 2014 and has a breadth of experience in both SMETS1/SMETS2 device development and integration.

He is a member of the BEIS TSIRS committee (representing EUA) and is a member of the SEC Change Board, and the TABASC. Alastair strives to consult and align with Other SEC Parties (including manufacturers and MAPs) in order to provide a balanced view on topics across the various interest groups.

He has actively participated in:

- SMETS2 prepayment TSIRS reviews, which resulted in improvements to the Emergency Credit / Debt repayment behaviour in SMETS2 v4.2. In this area he led a small group of manufacturers to identify areas of improvement, which were adopted in SMETS 2 v4.2.
- Industry working groups on the Security Characteristics with the SSC and the NCSC.
- The meter triage working party to define use cases for meter re-use, which were approved under CPA regulations. In addition to proposing a number of use cases, he worked closely with the SSC to propose viable solutions for manufacturers to deploy functionality.
- The creation of a SEC Modification to revise the installation validity period of SMETS2 v2.1 to reflect the impact of COVID-19 on installation periods.

Alastair is a graduate Electronics Engineer (MIET) and has previously held positions in Product Management in the Communications sectors. His exposure to smart metering includes concept studies reaching back to 1999.

### Nigel Orchard – Pilot Systems

Nigel wrote the software for the first gas pre-payment meter for Landis+Gyr in 1984. He led a team developing solid-state multi-functioning electricity meters setting the standard for how they communicate, in conjunction with Siemens, becoming the 'FLAG protocol'.

Nigel's business has supported FLAG and interoperability since 1989, with a record of compatible and accessible systems based on the generic nature of FLAG. In the 1990s, he wrote generic software to communicate with all meters produced outside the USA, endorsed by meter vendors and energy suppliers. Nigel has maintained FLAG and the generic software so that it still offers interoperability.

Nigel spent a decade working with the Half-Hourly market for industrial meters, and another working with smart meters. Recognised as an expert meter engineer, he sat on SMIP working groups from 2010-2015, and foresaw issues caused by the introduction of SMETS1 meters and their replacement by SMETS2. Nigel would like to explore how a generic channel could be incorporated within the programme, with minimal impact to existing systems, enhancing innovation and increasing customer value.

In any case, if elected Nigel will balance the interests of Other Users and consumers with those of industry and regulators. He is knowledgeable of the essential meter end of the technology stack, and familiar with suppliers and meter vendors. He wants to facilitate new features such as vehicle charging, micro-generation and load control to be implemented end-to-end with minimal change.

Nigel's envisions suppliers serving GB by building a state-of-the-art digital infrastructure for delivering Net Zero at the best possible value.