

The Active building Energy Performance Contracting (AEPC) process

Pre-Contracting

Pre-Feasibility Study

- Site survey
- Building data analysis
- **Flexibility options assessment** NEW

weeks

Feasibility Study

- Energy projects outline design
- Detailed energy and economic analysis
- Agreed savings

weeks

Contract Design

- **Define building energy baseline with flexibility using the Active Building Energy Performance Modelling (ABEPeM) platform** NEW
- **Confirm AEPC energy and cost savings** NEW
- **Complete the financial analysis and projects costs using ABEPeM** NEW
- **Define new contractual clauses like external demand response activities and price-based agreements, and adapt existing ones according to the AEPC** NEW

Contracting

months

Deployment

- Implementation of installation projects
- Installation of sensors and flexibility sources

Performance Phase

To be confirmed with customer

Operation and Monitoring

- Monitoring of the energy efficiency and **flexibility measures** NEW
- **Implementation of active control** NEW

continuous

Measurement and Verification

- Measurement and verification of guaranteed savings and flexibility
- **Use of new adjustment factors for the flexibility** NEW

NEW
Features unique to AEPC



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